



**PRICE LIST 2023**

**E-23-1  
CAT. E**



## PRICELIST 2023

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01

Stepper motor  
dosing pumps

02

Motor-driven  
dosing pumps

03

Solenoid-driven  
dosing pumps

04

Disinfection  
systems

05

Control  
instruments

06

Pulse emitting  
water meters

07

Probes

08

Accessories

## Series PRISMA

### Stepper motor dosing pumps

PRISMA is a dosing pump with a diaphragm stepper motor. The stepper motor with microprocessor control makes the dosing process precise and homogeneous. Positioning and speed of the diaphragm are controlled by the microprocessor for the entire delivery/suction cycle. Slow Mode makes it possible to reduce the suction speed for an optimal prim-

ing of the viscous liquids.

PRISMA dosing pumps with stepper motor give you the most reliable dosing process thanks to an incredible Turndown ratio of 1:4800 that enables you to get an extremely accurate and homogeneous distribution of the product to be dosed according to the application needs.

#### PERFORMANCE

80  
l/h

20  
bar

#### POWER SUPPLY

12-24  
VDC

90-240  
VAC

#### VENTING

MANUAL



#### PUMP HEADS



PVDF



PP



AISI 316L



PMMA



PRISMA BLUETOOTH

+ € 133,00

12VDC or 24VDC power supply

+ € 155,00



## FEATURES

- › Horizontal mounting, with display
- › Diaphragm dosing pump with stepper motor
- › Turndown ratio 1:4800
- › Slow mode for viscous liquid
- › Pump working status signaled with multicolor display: pump running (green); stand-by (white); warning condition (yellow); alarm condition (red)
- › Power supply: 90 – 240 V, 50/60 Hz
- › Manual venting pump head (PVDF and PP)
- › Double ball check valve

## BASIC MODEL ACCESSORIES

- › PVDF injection valve (0.3 bar)
- › PVDF level probe
- › PVDF foot filter
- › PVDF delivery hose (2 mt)
- › Flexible PVC suction hose (2 mt)
- › 4x6 PVC degassing hose (2 mt)

### PRISMA

Constant and proportional dosing with multifunction

#### FEATURES

- › Horizontal mounting
- › Multicolor digital display
- › Microprocessor technology
- › Double ball check valve
- › Electronic stroke length adjustment
- › PTFE membrane

#### FUNCTIONS

##### › MULTIFUNCTION

- › Constant
- › Constant with external input
- › ppm
- › %
- › mlq
- › Pause-work
- › Weekly
- › mA
- › Pulse
- › Volt
- › External Batch
- › Manual Batch
- › cc/pulse

#### INPUTS

Level control  
Stand-by  
Water meter or external signal

#### OUTPUTS

Alarm  
mA

#### TECHNICAL DATA

bar	l/h	pump head		hoses		pvdf hose extra charge
		model	suc.	del.		
20	1	I	4 x 6	4 x 6		+ € 12,80
25	2	L	4 x 6	4 x 6		+ € 12,80
20	5	L	4 x 6	4 x 6		+ € 12,80
16	7.5	L	4 x 6	4 x 6		+ € 12,80
10	13	M	6 x 8	6 x 8		+ € 12,80
7	20	N	6 x 8	6 x 8		+ € 19,60
5	28	N	8 x 12	8 x 10		+ € 19,60
4	50	N	8 x 12	8 x 10		+ € 19,60
2	80	N	8 x 12	8 x 10		+ € 19,60

### PRISMA

1   code	pump head   oring		PVDF			PP			PMMA		SS		alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	FP	EP	
<b>PR1</b>			K	P	Y	V	D	W	A	R	Z	£	
20 1	-	-	-	-	-	-	-	-	€ 1302,00	€ 1302,00	-	-	■
25 2	€ 1225,00	■	■	■	■	■	■	■	€ 1302,00	€ 1302,00	€ 1514,00	€ 1514,00	■
20 5	€ 1225,00	■	■	■	■	■	■	■	€ 1302,00	€ 1302,00	€ 1514,00	€ 1514,00	■
16 7.5	€ 1225,00	■	■	■	■	■	■	■	€ 1302,00	€ 1302,00	€ 1514,00	€ 1514,00	■
10 13	€ 1244,00	■	■	■	■	■	■	■	€ 1320,00	€ 1320,00	€ 1577,00	€ 1577,00	■
7 20	€ 1263,00	■	■	■	■	■	■	■	€ 1371,00	€ 1371,00	€ 1635,00	€ 1635,00	■
5 28	€ 1263,00	■	■	■	■	■	■	■	€ 1371,00	€ 1371,00	€ 1635,00	€ 1635,00	■
4 50	€ 1263,00	■	■	■	■	■	■	■	€ 1371,00	€ 1371,00	€ 1635,00	€ 1635,00	■
2 80	€ 1263,00	■	■	■	■	■	■	■	€ 1371,00	€ 1371,00	€ 1635,00	€ 1635,00	■

### PRISMA MODBUS

1   code	pump head   oring		PVDF			PP			PMMA		SS		alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	FP	EP	
<b>PRS</b>			K	P	Y	V	D	W	A	R	Z	£	
20 1	-	-	-	-	-	-	-	-	€ 1432,00	€ 1432,00	-	-	■
25 2	€ 1356,00	■	■	■	■	■	■	■	€ 1432,00	€ 1432,00	€ 1645,00	€ 1645,00	■
20 5	€ 1356,00	■	■	■	■	■	■	■	€ 1432,00	€ 1432,00	€ 1645,00	€ 1645,00	■
16 7.5	€ 1356,00	■	■	■	■	■	■	■	€ 1432,00	€ 1432,00	€ 1645,00	€ 1645,00	■
10 13	€ 1374,00	■	■	■	■	■	■	■	€ 1451,00	€ 1451,00	€ 1708,00	€ 1708,00	■
7 20	€ 1393,00	■	■	■	■	■	■	■	€ 1500,00	€ 1500,00	€ 1766,00	€ 1766,00	■
5 28	€ 1393,00	■	■	■	■	■	■	■	€ 1500,00	€ 1500,00	€ 1766,00	€ 1766,00	■
4 50	€ 1393,00	■	■	■	■	■	■	■	€ 1500,00	€ 1500,00	€ 1766,00	€ 1766,00	■
2 80	€ 1393,00	■	■	■	■	■	■	■	€ 1500,00	€ 1500,00	€ 1766,00	€ 1766,00	■



## NOTES

### ENVIRONMENT TEMPERATURE

-10°C ÷ +40°C (14°F ÷ 104°F)

### CHEMICAL TEMPERATURE WITH PVDF PUMP HEAD

-10°C ÷ +65°C (14°F ÷ 149°F)

### CHEMICAL TEMPERATURE WITH SS PUMP HEAD

-10°C ÷ +90°C (14°F ÷ 194°F)

### CHEMICAL TEMPERATURE WITH PP PUMP HEAD

-10°C ÷ +40°C (14°F ÷ 104°F)

## HOSES WORKING PRESSURE TABLE

HOSE	20°C	40°C	60°C	80°C	90°C
13x16 PVDF	17 bar	12 bar	10 bar	8 bar	4 bar
12x18 PVC	19 bar	16 bar	12 bar	-	-
18x22 PVDF	17 bar	12 bar	10 bar	8 bar	4 bar
16x22 PVC	13 bar	11 bar	8 bar	-	-
32x42 PVC (delivery)	9 bar	7 bar	6 bar	-	-
30x40 PVC (suction)	-9,18 m H <sub>2</sub> O				

01	02	03	04	05	06	07	08
Stepper motor dosing pumps	Motor-driven dosing pumps	Solenoid-driven dosing pumps	Disinfection systems	Control instruments	Pulse emitting water meters	Probes	Accessories

## Series \PRIUS MF

### Multifunction motor-driven pumps

The PRIUS MF series is designed for industrial dosing needs. The PRIUS MF line, available with membrane or piston, has an electronic unit that can control and manage the dosing process according to 10 different working modes.

The electronic unit can be mounted in two positions: frontal or rotated.

Different pump heads enable the pump to handle the most aggressive chemical agents.

The display and the graphical interface simplify pump programming and management.

Also available in the high pressure version.

#### PERFORMANCE

1000  
l/h

10  
bar

#### POWER SUPPLY

230  
VAC

115  
VAC

#### MOUNTING

STANDARD

ROTATED



#### PUMP HEADS



PVDF



PP



AISI 316L

## FEATURES

- Double ball check valve
- Aluminium enclosure
- Spring return mechanism
- Manual degassing valve (PVDF and PP pump heads)
- Liquid ends available in different sizes and materials
- Double position of the electronic unit (default or alternative gear box position)
- IP55 motors

## INSTALLATION

- Kit installation A included
- Kits installation B and C sold separately
- The pump with pump head in AISI316L does not have accessories for installation
- Flow sensors connection (optional)

description	price
EXTRA MODBUS	€ 129,00
EXTRA MOTOR IP65 PRIUS	€ 134,00
EXTRA 4-20 MA OUTPUT	€ 129,00



### PUMP HEADS



AISI316L



PP

### PLUNGERS



CERAMIC



AISI420

# Series \PRIUS MF

## Multifunction motor-driven pumps

PRIUS D MF	
Multifunction diaphragm pump with constant/proportional dosing	
FEATURES	
<ul style="list-style-type: none"> <li>› Digital display</li> <li>› PTFE diaphragm</li> <li>› Constant</li> <li>› mA signal input</li> <li>› Volt signal input</li> <li>› Batch dosing</li> <li>› Pause-work program</li> <li>› Water meter</li> <li>› External input</li> </ul>	
FUNCTIONS	
<ul style="list-style-type: none"> <li>› MULTIFUNCTION <ul style="list-style-type: none"> <li>› Constant</li> <li>› PPM</li> <li>› Batch</li> <li>› Volt</li> <li>› mA</li> </ul> </li> <li>› %</li> <li>› ml/q</li> <li>› pause-work</li> <li>› pulse</li> <li>› weekly</li> </ul>	
INPUT	OUTPUT
Level control	Alarm
Stand-by	mA
Water meter or external signal	
Flow sensor	

PRIUS P MF	
Multifunction plunger pump with constant/proportional dosing	
FEATURES	
<ul style="list-style-type: none"> <li>› Digital display</li> <li>› Ceramic or STAINLESS steel (AISI420) plunger</li> <li>› Constant</li> <li>› mA signal input</li> <li>› Volt signal input</li> <li>› Batch dosing</li> <li>› Pause-work program</li> <li>› Water meter</li> <li>› External input</li> </ul>	
FUNCTIONS	
<ul style="list-style-type: none"> <li>› MULTIFUNCTION <ul style="list-style-type: none"> <li>› Constant</li> <li>› PPM</li> <li>› Batch</li> <li>› Volt</li> <li>› mA</li> </ul> </li> <li>› %</li> <li>› ml/q</li> <li>› pause-work</li> <li>› pulse</li> <li>› weekly</li> </ul>	
INPUT	OUTPUT
Level control	Alarm
Stand-by	mA
Water meter or external signal	
Flow sensor	

PRIUS D MF AP	
Multifunction diaphragm pump for high pressure	
FEATURES	
<ul style="list-style-type: none"> <li>› Digital display</li> <li>› PTFE diaphragm</li> <li>› Constant</li> <li>› mA signal input</li> <li>› Volt signal input</li> <li>› Batch dosing</li> <li>› Pause-work program</li> <li>› Water meter</li> <li>› External input</li> <li>› Pump head in AISI 316L</li> </ul>	
FUNCTIONS	
<ul style="list-style-type: none"> <li>› MULTIFUNCTION <ul style="list-style-type: none"> <li>› Constant</li> <li>› PPM</li> <li>› Batch</li> <li>› Volt</li> <li>› mA</li> </ul> </li> <li>› %</li> <li>› ml/q</li> <li>› pause-work</li> <li>› pulse</li> <li>› weekly</li> </ul>	
INPUT	OUTPUT
Level control	Alarm
Stand-by	mA
Water meter or external signal	

- Red inputs and outputs are optional.

## PRIUS D DIAPHRAGM MULTIFUNCTION

1   code													
PDMF		pump head										Kit instal-	
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	7   motor	PVDF		AISI316L		PP		lotion
10	60	NM	3	175	1 8:1	2 0,37 kW	hoses connection	4   K	hoses connection	4   S	hoses connection	4   P	
10	30	NM	3	94	2 15:1	2 0,37 kW	G 1/2" 13 mm (i.d.)	€ 2162,00	R 1/2"	€ 2368,00	G 1/2" 13 mm (i.d.)	€ 2162,00	A
10	24	NM	3	70	4 20:1	2 0,37 kW	G 1/2" 13 mm (i.d.)	€ 2162,00	R 1/2"	€ 2368,00	G 1/2" 13 mm (i.d.)	€ 2162,00	A
10	12	NM	3	35	5 40:1	2 0,37 kW	G 1/2" 13 mm (i.d.)	€ 2162,00	R 1/2"	€ 2368,00	G 1/2" 13 mm (i.d.)	€ 2162,00	A
10	16	NM	4	35	5 40:1	2 0,37 kW	G 1/2" 13 mm (i.d.)	€ 2162,00	R 1/2"	€ 2368,00	G 1/2" 13 mm (i.d.)	€ 2162,00	A
10	105	TM	3	175	1 8:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 2228,00	R 3/4"	€ 2682,00	G 3/4" 13 mm (i.d.)	€ 2228,00	A
10	56	TM	3	94	2 15:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 2228,00	R 3/4"	€ 2682,00	G 3/4" 13 mm (i.d.)	€ 2228,00	A
10	42	TM	3	70	4 20:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 2228,00	R 3/4"	€ 2682,00	G 3/4" 13 mm (i.d.)	€ 2228,00	A
10	21	TM	3	35	5 40:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 2228,00	R 3/4"	€ 2682,00	G 3/4" 13 mm (i.d.)	€ 2228,00	A
7	160	TM	4	175	1 8:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 2228,00	R 3/4"	€ 2682,00	G 3/4" 13 mm (i.d.)	€ 2228,00	A
7	86	TM	4	94	2 15:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 2228,00	R 3/4"	€ 2682,00	G 3/4" 13 mm (i.d.)	€ 2228,00	A
7	64	TM	4	70	4 20:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 2228,00	R 3/4"	€ 2682,00	G 3/4" 13 mm (i.d.)	€ 2228,00	A
7	32	TM	4	35	5 40:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 2228,00	R 3/4"	€ 2682,00	G 3/4" 13 mm (i.d.)	€ 2228,00	A
5	240	TM	6	175	1 8:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 2333,00	R 3/4"	€ 2789,00	G 3/4" 18 mm (i.d.)	€ 2271,00	B
5	128	TM	6	94	2 15:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 2333,00	R 3/4"	€ 2789,00	G 3/4" 18 mm (i.d.)	€ 2271,00	B
5	96	TM	6	70	4 20:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 2333,00	R 3/4"	€ 2789,00	G 3/4" 18 mm (i.d.)	€ 2271,00	B
5	48	TM	6	35	5 40:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 2333,00	R 3/4"	€ 2789,00	G 3/4" 18 mm (i.d.)	€ 2271,00	B
2	1000	UMS	10	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3766,00	R 1"	€ 3702,00	G 1 1/2" 30 mm (i.d.)	€ 3077,00	C
4	520	UMS	10	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3766,00	R 1"	€ 3702,00	G 1 1/2" 30 mm (i.d.)	€ 3077,00	C
5	390	UMS	10	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3766,00	R 1"	€ 3702,00	G 1 1/2" 30 mm (i.d.)	€ 3077,00	C
5	180	UMS	10	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3766,00	R 1"	€ 3702,00	G 1 1/2" 30 mm (i.d.)	€ 3077,00	C
5	350	UMS	4	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	188	UMS	4	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	140	UMS	4	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	70	UMS	4	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	440	UMS	5	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	236	UMS	5	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	176	UMS	5	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	88	UMS	5	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	530	UMS	6	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	284	UMS	6	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	212	UMS	6	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
5	106	UMS	6	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3454,00	R 1"	€ 3391,00	G 1 1/2" 30 mm (i.d.)	€ 2766,00	C
3	750	UMS	8	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3766,00	R 1"	€ 3702,00	G 1 1/2" 30 mm (i.d.)	€ 3077,00	C
5	380	UMS	8	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3766,00	R 1"	€ 3702,00	G 1 1/2" 30 mm (i.d.)	€ 3077,00	C
5	290	UMS	8	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3766,00	R 1"	€ 3702,00	G 1 1/2" 30 mm (i.d.)	€ 3077,00	C
5	141	UMS	8	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 3766,00	R 1"	€ 3702,00	G 1 1/2" 30 mm (i.d.)	€ 3077,00	C

## PRIUS D DIAPHRAGM MULTIFUNCTION HIGH PRESSURE

1 | code

**PDMF**

2 | bar 3 | l/h

flow rate m³/h	stroke mm	pump head m	stroke mm	rpm	reduction	motor kW	hoses connection	price €
100 4	LM AP	1.5	175	1 8:1	2 0,37 kW	R 3/8"	€ 2431,00	
100 2	LM AP	1.5	94	2 15:1	2 0,37 kW	R 3/8"	€ 2431,00	
100 1,5	LM AP	1.5	70	4 20:1	2 0,37 kW	R 3/8"	€ 2431,00	
50 17	MM AP	2	175	1 8:1	2 0,37 kW	R 1/2"	€ 2431,00	
50 9	MM AP	2	94	2 15:1	2 0,37 kW	R 1/2"	€ 2431,00	
50 5	MM AP	2	70	4 20:1	2 0,37 kW	R 1/2"	€ 2431,00	
50 2,5	MM AP	2	35	5 40:1	2 0,37 kW	R 1/2"	€ 2431,00	
30 28	NM AP	2	175	1 8:1	2 0,37 kW	R 1/2"	€ 2555,00	
30 15	NM AP	2	94	2 15:1	2 0,37 kW	R 1/2"	€ 2555,00	
30 10	NM AP	2	70	4 20:1	2 0,37 kW	R 1/2"	€ 2555,00	
30 5	NM AP	2	35	5 40:1	2 0,37 kW	R 1/2"	€ 2555,00	
30 76	SM AP	4	175	1 8:1	2 0,37 kW	R 1/2"	€ 2977,00	
30 41	SM AP	4	94	2 15:1	2 0,37 kW	R 1/2"	€ 2977,00	
30 30	SM AP	4	70	4 20:1	2 0,37 kW	R 1/2"	€ 2977,00	
30 14	SM AP	4	35	5 40:1	2 0,37 kW	R 1/2"	€ 2977,00	
20 91	TM AP	6	94	2 15:1	2 0,37 kW	R 3/4"	€ 2977,00	
20 68	TM AP	6	70	4 20:1	2 0,37 kW	R 3/4"	€ 2977,00	
20 34	TM AP	6	35	5 40:1	2 0,37 kW	R 3/4"	€ 2977,00	



## PRIUS P PLUNGER MULTIFUNCTION

1   code						pump head   plunger		PP   CERAMIC		AISI316L   AISI420		Kit instal- lation	
PPMF		plunger	stroke mm	spm	6   reduction		7   motor		hoses connection	4   D	hoses connection		4   E
2   bar	3   l/h				1	8:1	2	0,37 kW					
10	24	14	15	175	1	8:1	2	0,37 kW	G 1/2" 12x18	€ 2303,00	R 1/2"	€ 2365,00	A
10	13	14	15	94	2	15:1	2	0,37 kW	G 1/2" 12x18	€ 2303,00	R 1/2"	€ 2365,00	A
10	10	14	15	70	4	20:1	2	0,37 kW	G 1/2" 12x18	€ 2303,00	R 1/2"	€ 2365,00	A
10	5	14	15	35	5	40:1	2	0,37 kW	G 1/2" 12x18	€ 2303,00	R 1/2"	€ 2365,00	A
10	80	25	15	175	1	8:1	2	0,37 kW	G 1/2" 12x18	€ 2317,00	R 1/2"	€ 2403,00	A
10	43	25	15	94	2	15:1	2	0,37 kW	G 1/2" 12x18	€ 2317,00	R 1/2"	€ 2403,00	A
10	32	25	15	70	4	20:1	2	0,37 kW	G 1/2" 12x18	€ 2317,00	R 1/2"	€ 2403,00	A
10	16	25	15	35	5	40:1	2	0,37 kW	G 1/2" 12x18	€ 2317,00	R 1/2"	€ 2403,00	A
10	130	32	15	175	1	8:1	2	0,37 kW	G 1/2" 12x18	€ 2389,00	R 1/2"	€ 2553,00	A
10	70	32	15	94	2	15:1	2	0,37 kW	G 1/2" 12x18	€ 2389,00	R 1/2"	€ 2553,00	A
10	52	32	15	70	4	20:1	2	0,37 kW	G 1/2" 12x18	€ 2389,00	R 1/2"	€ 2553,00	A
10	26	32	15	35	5	40:1	2	0,37 kW	G 1/2" 12x18	€ 2389,00	R 1/2"	€ 2553,00	A
10	210	40	15	175	1	8:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	€ 2437,00	R 3/4"	€ 2678,00	B
10	113	40	15	94	2	15:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	€ 2437,00	R 3/4"	€ 2678,00	B
10	84	40	15	70	4	20:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	€ 2437,00	R 3/4"	€ 2678,00	B
10	42	40	15	35	5	40:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	€ 2437,00	R 3/4"	€ 2678,00	B
10	320	50	15	175	1	8:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	€ 2483,00	R 3/4"	€ 2741,00	B
10	172	50	15	94	2	15:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	€ 2483,00	R 3/4"	€ 2741,00	B
10	128	50	15	70	4	20:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	€ 2483,00	R 3/4"	€ 2741,00	B
10	64	50	15	35	5	40:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	€ 2483,00	R 3/4"	€ 2741,00	B

## Series \PRIUS D 50 Hz

### Diaphragm motor-driven dosing pumps

PRIUS series of motor-driven dosing pumps have been entirely de-signed and manufactured to meet higher level requirements.  
PRIUS D 50 Hz pumps with constant dosing are equipped with PTFE

diaphragm and are also available in the AP version for high pressures and with three-phase or single-phase (Mono) motor.  
ATEX certified models are allowed to be used in potentially explosive atmospheres.

#### PERFORMANCE

1000  
l/h

100  
bar

#### POWER SUPPLY

380  
VAC

220  
VAC

115  
VAC

#### VENTING

MANUAL

SELF



## FEATURES

- Horizontal mounting
- Aluminium enclosure
- Spring return mechanism
- Double ball check valve (where available)
- Manual stroke length adjustment
- Flow rate adjustment from 0 to 100% with manual adjustment on the knob
- Liquid ends available in different sizes and materials
- Tropicalized motor
- Available with ATEX certificatio

## INSTALLATION

- Kit installation A included
- Kits installation B and C sold separately
- The pump with pump head in AISI316L does not have accessories for installation

description	price
EXTRA MOTOR IP65 PRIUS	€ 134,00



## PUMP HEADS



PVDF



PP



AISI 316L

## Series \PRIUS D 50 Hz

### Diaphragm motor-driven dosing pumps

#### PRIUS D 50 Hz

Diaphragm pump with constant dosing

##### FEATURES

- › PTFE diaphragm
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials

##### FUNCTIONS

- › Constant dosing

##### MOTORS

0,37 kW 220/380 V 3-phase  
0,18 kW 220/380 V 3-phase  
0,55 kW 220/380 V 3-phase

#### PRIUS D 50 Hz Mono

Diaphragm pump with constant dosing and single-phase motor

##### FEATURES

- › PTFE diaphragm
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials
- › Single-phase motor

##### FUNCTIONS

- › Constant dosing

##### MOTORS

0,37 kW 220 V single-phase  
0,55 kW 220 V single-phase

#### PRIUS D 50Hz AP

Diaphragm pump with constant dosing for high pressure

##### FEATURES

- › PTFE diaphragm
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials
- › For high pressure

##### FUNCTIONS

- › Constant dosing

##### MOTORS

0,37 kW 220/380 V 3-phase

#### PRIUS D 50Hz AP Mono

Diaphragm pump for high pressure with single-phase motor

##### FEATURES

- › PTFE diaphragm
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials
- › For high pressure
- › Single-phase motor

##### FUNCTIONS

- › Constant dosing

##### MOTORS

0,37 kW 220 V single-phase  
0,55 kW 220 V single-phase

## ATEX - Category 2

### Category 2

Installation areas liable to be endangered by explosive atmospheres.      Pumps intended for use in areas in which explosive atmospheres are likely to occur.

	G (gas)	D (dust)
1999/92/EC	Zone 1	Zone 21

- › Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- › Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.
- › Stainless steel liquid ends (AISI 316L).

## ATEX - Category 3

### Category 3

Installation areas liable to be endangered by explosive atmospheres.      Pumps intended for use in areas in which explosive atmospheres only rarely occur.

	G (gas)	D (dust)
1999/92/EC	Zone 2	Zone 22

- › Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- › Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.

## PRIUS D DIAPHRAGM 50Hz

1   code													
PD00													
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	7   motor	PVDF		AISI 316L		PP		Kit instal-
							hoses connection	4   K	hoses connection	4   S	hoses connection	4   P	lation
10	60	NM	3	175	1 8:1	1 0,18 kW	G 1/2" 13 mm (i.d.)	€ 923,00	R 1/2"	€ 1128,00	G 1/2" 13 mm (i.d.)	€ 923,00	A
10	30	NM	3	94	2 15:1	1 0,18 kW	G 1/2" 13 mm (i.d.)	€ 923,00	R 1/2"	€ 1128,00	G 1/2" 13 mm (i.d.)	€ 923,00	A
10	24	NM	3	70	4 20:1	1 0,18 kW	G 1/2" 13 mm (i.d.)	€ 923,00	R 1/2"	€ 1128,00	G 1/2" 13 mm (i.d.)	€ 923,00	A
10	12	NM	3	35	5 40:1	1 0,18 kW	G 1/2" 13 mm (i.d.)	€ 923,00	R 1/2"	€ 1128,00	G 1/2" 13 mm (i.d.)	€ 923,00	A
10	16	NM	4	35	5 40:1	1 0,18 kW	G 1/2" 13 mm (i.d.)	€ 923,00	R 1/2"	€ 1128,00	G 1/2" 13 mm (i.d.)	€ 923,00	A
10	105	TM	3	175	1 8:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.)	€ 988,00	A
10	56	TM	3	94	2 15:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.)	€ 988,00	A
10	42	TM	3	70	4 20:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.)	€ 988,00	A
10	21	TM	3	35	5 40:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.)	€ 988,00	A
7	160	TM	4	175	1 8:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.)	€ 988,00	A
7	86	TM	4	94	2 15:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.)	€ 988,00	A
7	64	TM	4	70	4 20:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.)	€ 988,00	A
7	32	TM	4	35	5 40:1	2 0,37 kW	G 3/4" 13 mm (i.d.)	€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.)	€ 988,00	A
5	240	TM	6	175	1 8:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1095,00	R 3/4"	€ 1550,00	G 3/4" 18 mm (i.d.)	€ 1030,00	B
5	128	TM	6	94	2 15:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1095,00	R 3/4"	€ 1550,00	G 3/4" 18 mm (i.d.)	€ 1030,00	B
5	96	TM	6	70	4 20:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1095,00	R 3/4"	€ 1550,00	G 3/4" 18 mm (i.d.)	€ 1030,00	B
5	48	TM	6	35	5 40:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1095,00	R 3/4"	€ 1550,00	G 3/4" 18 mm (i.d.)	€ 1030,00	B
2	1000	UMS	10	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C
5	1000	UMS	10	175	1 8:1	L 0,55 kW	G 1 1/2" 30 mm (i.d.)	€ 2528,00	R 1"	€ 2464,00	G 1 1/2" 30 mm (i.d.)	€ 1838,00	C
5	520	UMS	10	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C
4	520	UMS	10	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C
5	390	UMS	10	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C
5	180	UMS	10	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C
5	350	UMS	4	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	188	UMS	4	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	140	UMS	4	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	70	UMS	4	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	440	UMS	5	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	236	UMS	5	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	176	UMS	5	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	88	UMS	5	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	530	UMS	6	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	284	UMS	6	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	212	UMS	6	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
5	106	UMS	6	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.)	€ 1526,00	C
3	750	UMS	8	175	1 8:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C
5	750	UMS	8	175	1 8:1	L 0,55 kW	G 1 1/2" 30 mm (i.d.)	€ 2528,00	R 1"	€ 2464,00	G 1 1/2" 30 mm (i.d.)	€ 1838,00	C
5	380	UMS	8	94	2 15:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C
5	290	UMS	8	70	4 20:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C
5	141	UMS	8	35	5 40:1	2 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.)	€ 1589,00	C

## PRIUS D DIAPHRAGM 50Hz SINGLE-PHASE

1   code														
PD00						pump head I		PVDF		AISI 316L		PP		Kit instal- lation
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	7   motor	hoses connection	4   K	hoses connection	4   S	hoses connection	4   P		
10	60	NM	3	175	1 8:1	6 0,37 kW	G 1/2" 13 mm (i.d.)	€ 996,00	R 1/2"	€ 1204,00	G 1/2" 13 mm (i.d.)	€ 996,00	A	
10	30	NM	3	94	2 15:1	6 0,37 kW	G 1/2" 13 mm (i.d.)	€ 996,00	R 1/2"	€ 1204,00	G 1/2" 13 mm (i.d.)	€ 996,00	A	
10	24	NM	3	70	4 20:1	6 0,37 kW	G 1/2" 13 mm (i.d.)	€ 996,00	R 1/2"	€ 1204,00	G 1/2" 13 mm (i.d.)	€ 996,00	A	
10	12	NM	3	35	5 40:1	6 0,37 kW	G 1/2" 13 mm (i.d.)	€ 996,00	R 1/2"	€ 1204,00	G 1/2" 13 mm (i.d.)	€ 996,00	A	
10	105	TM	3	175	1 8:1	6 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A	
10	56	TM	3	94	2 15:1	6 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A	
10	42	TM	3	70	4 20:1	6 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A	
10	21	TM	3	35	5 40:1	6 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A	
7	160	TM	4	175	1 8:1	6 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A	
7	86	TM	4	94	2 15:1	6 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A	
7	64	TM	4	70	4 20:1	6 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A	
7	32	TM	4	35	5 40:1	6 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A	
5	240	TM	6	175	1 8:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1168,00	R 3/4"	€ 1621,00	G 3/4" 18 mm (i.d.)	€ 1105,00	B	
5	128	TM	6	94	2 15:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1168,00	R 3/4"	€ 1621,00	G 3/4" 18 mm (i.d.)	€ 1105,00	B	
5	96	TM	6	70	4 20:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1168,00	R 3/4"	€ 1621,00	G 3/4" 18 mm (i.d.)	€ 1105,00	B	
5	48	TM	6	35	5 40:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1168,00	R 3/4"	€ 1621,00	G 3/4" 18 mm (i.d.)	€ 1105,00	B	
5	350	UMS	4	175	1 8:1	8 0,55 kW	G 1 1/2" 30 mm (i.d.)	€ 2339,00	R 1"	€ 2277,00	G 1 1/2" 30 mm (i.d.)	€ 1650,00	C	
5	188	UMS	4	94	2 15:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	
5	140	UMS	4	70	4 20:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	
5	70	UMS	4	35	5 40:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	
5	440	UMS	5	175	1 8:1	8 0,55 kW	G 1 1/2" 30 mm (i.d.)	€ 2339,00	R 1"	€ 2277,00	G 1 1/2" 30 mm (i.d.)	€ 1650,00	C	
5	236	UMS	5	94	2 15:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	
5	176	UMS	5	70	4 20:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	
5	88	UMS	5	35	5 40:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	
5	530	UMS	6	175	1 8:1	8 0,55 kW	G 1 1/2" 30 mm (i.d.)	€ 2339,00	R 1"	€ 2277,00	G 1 1/2" 30 mm (i.d.)	€ 1650,00	C	
5	284	UMS	6	94	2 15:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	
5	212	UMS	6	70	4 20:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	
5	106	UMS	6	35	5 40:1	6 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C	

## PRIUS D DIAPHRAGM 50Hz HIGH PRESSURE

1 | code

**PD00**

2   bar		p.h.	stroke mm	spm	6   reduction	pump head I		AISI 316L	PVDF	
						7   motor	hoses connec-	4   S	hoses connection	4   K
100	4	LM AP	1.5	175	1 8:1	2 0,37 kW	R 3/8"	€ 1193,00	-	/
100	2	LM AP	1.5	94	2 15:1	2 0,37 kW	R 3/8"	€ 1193,00	-	/
100	1,5	LM AP	1.5	70	4 20:1	2 0,37 kW	R 3/8"	€ 1193,00	-	/
50	17	MM AP	2	175	1 8:1	2 0,37 kW	R 1/2"	€ 1193,00	-	/
50	9	MM AP	2	94	2 15:1	2 0,37 kW	R 1/2"	€ 1193,00	-	/
50	5	MM AP	2	70	4 20:1	2 0,37 kW	R 1/2"	€ 1193,00	-	/
50	2,5	MM AP	2	35	5 40:1	2 0,37 kW	R 1/2"	€ 1193,00	-	/
30	28	NM AP	2	175	1 8:1	2 0,37 kW	R 1/2"	€ 1318,00	-	/
30	14	NM AP	2	94	2 15:1	2 0,37 kW	R 1/2"	€ 1318,00	-	/
30	10	NM AP	2	70	4 20:1	2 0,37 kW	R 1/2"	€ 1318,00	-	/
30	5	NM AP	2	35	5 40:1	2 0,37 kW	R 1/2"	€ 1318,00	-	/
30	76	SM AP	4	175	1 8:1	2 0,37 kW	R 1/2"	€ 1736,00	-	/
30	41	SM AP	4	94	2 15:1	2 0,37 kW	R 1/2"	€ 1736,00	-	/
30	30	SM AP	4	70	4 20:1	2 0,37 kW	R 1/2"	€ 1736,00	-	/
30	15	SM AP	4	35	5 40:1	2 0,37 kW	R 1/2"	€ 1736,00	-	/
20	170	TM AP	6	175	1 8:1	2 0,37 kW	R 3/4"	€ 1736,00	-	/
20	91	TM AP	6	94	2 15:1	2 0,37 kW	R 3/4"	€ 1736,00	-	/
20	68	TM AP	6	70	4 20:1	2 0,37 kW	R 3/4"	€ 1736,00	-	/
20	34	TM AP	6	35	5 40:1	2 0,37 kW	R 3/4"	€ 1736,00	-	/
20	30	NM AP	2	175	1 8:1	2 0,37 kW	R 3/4"	-	8x10 (PVDF) / 8x12 (PVC)	€ 1114,00
20	16	NM AP	2	94	2 15:1	2 0,37 kW	R 3/4"	-	8x10 (PVDF) / 8x12 (PVC)	€ 1114,00
20	12	NM AP	2	70	4 20:1	2 0,37 kW	R 3/4"	-	8x10 (PVDF) / 8x12 (PVC)	€ 1114,00
20	6	NM AP	2	35	5 40:1	2 0,37 kW	R 3/4"	-	8x10 (PVDF) / 8x12 (PVC)	€ 1114,00

## PRIUS D DIAPHRAGM 50Hz SINGLE-PHASE HIGH PRESSURE

1 | code

**PD00**

2   bar 3   l/h		p.h.	stroke mm	spm	6   reduction	pump head I		AISI 316L
						7   motor	hoses connection	4   S
100	4	LM AP	1.5	175	1 8:1	6 0,37 kW	R 3/8"	€ 1266,00
100	2	LM AP	1.5	94	2 15:1	6 0,37 kW	R 3/8"	€ 1266,00
100	1,5	LM AP	1.5	70	4 20:1	6 0,37 kW	R 3/8"	€ 1266,00
50	17	MM AP	2	175	1 8:1	6 0,37 kW	R 1/2"	€ 1266,00
50	9	MM AP	2	94	2 15:1	6 0,37 kW	R 1/2"	€ 1266,00
50	5	MM AP	2	70	4 20:1	6 0,37 kW	R 1/2"	€ 1266,00
50	2,5	MM AP	2	35	5 40:1	6 0,37 kW	R 1/2"	€ 1266,00
30	28	NM AP	2	175	1 8:1	6 0,37 kW	R 1/2"	€ 1391,00
30	14	NM AP	2	94	2 15:1	6 0,37 kW	R 1/2"	€ 1391,00
30	10	NM AP	2	70	4 20:1	6 0,37 kW	R 1/2"	€ 1391,00
30	5	NM AP	2	35	5 40:1	6 0,37 kW	R 1/2"	€ 1391,00
30	76	SM AP	4	175	1 8:1	6 0,37 kW	R 1/2"	€ 1813,00
30	41	SM AP	4	94	2 15:1	6 0,37 kW	R 1/2"	€ 1813,00
30	30	SM AP	4	70	4 20:1	6 0,37 kW	R 1/2"	€ 1813,00
30	15	SM AP	4	35	5 40:1	6 0,37 kW	R 1/2"	€ 1813,00
20	170	TM AP	6	175	1 8:1	8 0,55 kW	R 3/4"	€ 1860,00
20	91	TM AP	6	94	2 15:1	8 0,55 kW	R 3/4"	€ 1860,00
20	68	TM AP	6	70	4 20:1	6 0,37 kW	R 3/4"	€ 1813,00
20	34	TM AP	6	35	5 40:1	6 0,37 kW	R 3/4"	€ 1813,00



## PRIUS D DIAPHRAGM 50Hz ATEX 2G/2D

1   code											
PD00											
2   bar 3   l/h		p.h.	stroke mm	spm	6   reduction	pump head   hoses connection	II 2G Ex h IIC T3 Gb		II 2 D Ex h IIC T120°C Db		
10 6		NM	1.5	35	5 40:1	R 1/2"	AISI 316L		AISI 316L		
							7   motor	4   S	7   motor	4   S	
							A 0,25 kW	€ 1621,00	B 0,25 kW	€ 1644,00	
10	60	NM	3	175	1 8:1	R 1/2"	A 0,25 kW	€ 1621,00	B 0,25 kW	€ 1644,00	
10	30	NM	3	94	2 15:1	R 1/2"	A 0,25 kW	€ 1621,00	B 0,25 kW	€ 1644,00	
10	24	NM	3	70	4 20:1	R 1/2"	A 0,25 kW	€ 1621,00	B 0,25 kW	€ 1644,00	
10	12	NM	3	35	5 40:1	R 1/2"	A 0,25 kW	€ 1621,00	B 0,25 kW	€ 1644,00	
10	16	NM	4	35	5 40:1	R 1/2"	A 0,25 kW	€ 1621,00	B 0,25 kW	€ 1644,00	
10	105	TM	3	175	1 8:1	R 3/4"	C 0,37 kW	€ 1941,00	D 0,37 kW	€ 1959,00	
10	56	TM	3	94	2 15:1	R 3/4"	C 0,37 kW	€ 1941,00	D 0,37 kW	€ 1959,00	
10	42	TM	3	70	4 20:1	R 3/4"	C 0,37 kW	€ 1941,00	D 0,37 kW	€ 1959,00	
10	21	TM	3	35	5 40:1	R 3/4"	C 0,37 kW	€ 1941,00	D 0,37 kW	€ 1959,00	
7	160	TM	4	175	1 8:1	R 3/4"	C 0,37 kW	€ 1941,00	D 0,37 kW	€ 1959,00	
7	86	TM	4	94	2 15:1	R 3/4"	C 0,37 kW	€ 1941,00	D 0,37 kW	€ 1959,00	
7	64	TM	4	70	4 20:1	R 3/4"	C 0,37 kW	€ 1941,00	D 0,37 kW	€ 1959,00	
7	32	TM	4	35	5 40:1	R 3/4"	C 0,37 kW	€ 1941,00	D 0,37 kW	€ 1959,00	
5	240	TM	6	175	1 8:1	R 3/4"	C 0,37 kW	€ 2044,00	D 0,37 kW	€ 2064,00	
5	128	TM	6	94	2 15:1	R 3/4"	C 0,37 kW	€ 2044,00	D 0,37 kW	€ 2064,00	
5	96	TM	6	70	4 20:1	R 3/4"	C 0,37 kW	€ 2044,00	D 0,37 kW	€ 2064,00	
5	48	TM	6	35	5 40:1	R 3/4"	C 0,37 kW	€ 2044,00	D 0,37 kW	€ 2064,00	

## PRIUS D DIAPHRAGM 50Hz ATEX 3G/3D

1 | code

## PD00

PD00							II 3G Ex h IIC T3 Gc					II 3 D Ex h IIC T120°C Dc					Kit instal- lation
2   bar		3   l/h	p.h.	stroke	spm	6   reduction	pump head I	PVDF	AISI316L	PP	pump head I	PVDF	AISI316L	PP			
10	60	NM	3	175	1 8:1	7   motor	A 0,18 kW	4   K	4   S	4   P	7   motor	4   K	4   S	4   P			
10	30	NM	3	94	2 15:1	A 0,18 kW	€ 1321,00	/	€ 1321,00	B 0,25 kW	€ 1341,00	/	€ 1341,00	A			
10	24	NM	3	70	4 20:1	A 0,18 kW	€ 1321,00	/	€ 1321,00	B 0,25 kW	€ 1341,00	/	€ 1341,00	A			
10	12	NM	3	35	5 40:1	A 0,18 kW	€ 1321,00	/	€ 1321,00	B 0,25 kW	€ 1341,00	/	€ 1341,00	A			
10	16	NM	4	35	5 40:1	A 0,18 kW	€ 1321,00	/	€ 1321,00	B 0,25 kW	€ 1341,00	/	€ 1341,00	A			
10	105	TM	3	175	1 8:1	C 0,37 kW	€ 1387,00	/	€ 1387,00	D 0,37 kW	€ 1406,00	/	€ 1406,00	A			
10	56	TM	3	94	2 15:1	C 0,37 kW	€ 1387,00	/	€ 1387,00	D 0,37 kW	€ 1406,00	/	€ 1406,00	A			
10	42	TM	3	70	4 20:1	C 0,37 kW	€ 1387,00	/	€ 1387,00	D 0,37 kW	€ 1406,00	/	€ 1406,00	A			
10	21	NM	3	35	5 40:1	C 0,37 kW	€ 1387,00	/	€ 1387,00	D 0,37 kW	€ 1406,00	/	€ 1406,00	A			
7	160	TM	4	175	1 8:1	C 0,37 kW	€ 1387,00	/	€ 1387,00	D 0,37 kW	€ 1406,00	/	€ 1406,00	A			
7	86	TM	4	94	2 15:1	C 0,37 kW	€ 1387,00	/	€ 1387,00	D 0,37 kW	€ 1406,00	/	€ 1406,00	A			
7	64	TM	4	70	4 20:1	C 0,37 kW	€ 1387,00	/	€ 1387,00	D 0,37 kW	€ 1406,00	/	€ 1406,00	A			
7	32	TM	4	35	5 40:1	C 0,37 kW	€ 1387,00	/	€ 1387,00	D 0,37 kW	€ 1406,00	/	€ 1406,00	A			
5	240	TM	6	175	1 8:1	C 0,37 kW	€ 1491,00	/	€ 1431,00	D 0,37 kW	€ 1512,00	/	€ 1450,00	B			
5	128	TM	6	94	2 15:1	C 0,37 kW	€ 1491,00	/	€ 1431,00	D 0,37 kW	€ 1512,00	/	€ 1450,00	B			
5	96	TM	6	70	4 20:1	C 0,37 kW	€ 1491,00	/	€ 1431,00	D 0,37 kW	€ 1512,00	/	€ 1450,00	B			
5	48	TM	6	35	5 40:1	C 0,37 kW	€ 1491,00	/	€ 1431,00	D 0,37 kW	€ 1512,00	/	€ 1450,00	B			
5	1000	UMS	10	175	1 8:1	C 0,55 kW	€ 2925,00	€ 2862,00	€ 2236,00	B 0,25 kW	€ 2946,00	€ 2883,00	€ 2257,00	C			
2	1000	UMS	10	175	1 8:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			
5	520	UMS	10	94	2 15:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			
4	520	UMS	10	94	2 15:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			
5	390	UMS	10	70	4 20:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			
5	180	UMS	10	35	5 40:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			
5	350	UMS	4	175	1 8:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	188	UMS	4	94	2 15:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	140	UMS	4	70	4 20:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	70	UMS	4	35	5 40:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	440	UMS	5	175	1 8:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	236	UMS	5	94	2 15:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	176	UMS	5	70	4 20:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	88	UMS	5	35	5 40:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	530	UMS	6	175	1 8:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	284	UMS	6	94	2 15:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	212	UMS	6	70	4 20:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	106	UMS	6	35	5 40:1	C 0,37 kW	€ 2614,00	€ 2551,00	€ 1926,00	D 0,37 kW	€ 2632,00	€ 2570,00	€ 1944,00	C			
5	750	UMS	8	175	1 8:1	C 0,55 kW	€ 2925,00	€ 2862,00	€ 2236,00	B 0,25 kW	€ 2946,00	€ 2883,00	€ 2257,00	C			
3	750	UMS	8	175	1 8:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			
5	380	UMS	8	94	2 15:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			
5	290	UMS	8	70	4 20:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			
5	141	UMS	8	35	5 40:1	C 0,37 kW	€ 2676,00	€ 2614,00	€ 1988,00	D 0,37 kW	€ 2695,00	€ 2632,00	€ 2007,00	C			

## PRIUS D DIAPHRAGM HIGH PRESSURE 50Hz ATEX 2G/2D

1 | code

**PD00**

code		PD00						II 2G Ex h IIC T3 Gb		II 2D Ex h IIC T120°C Db	
2   bar 3   l/h		p.h.	stroke mm	spm	6   reduction	hoses connection	pump head l	AISI316L	AISI316L		
							7   motor	4   S	4   S		
100	4	LM AP	1.5	175	1 8:1	R 3/8"	C 0,37 kW	€ 1687,00	€ 1707,00		
100	2	LM AP	1.5	94	2 15:1	R 3/8"	C 0,37 kW	€ 1687,00	€ 1707,00		
100	1,5	LM AP	1.5	70	4 20:1	R 3/8"	C 0,37 kW	€ 1687,00	€ 1707,00		
50	17	MM AP	2	35	5 40:1	R 1/2"	C 0,37 kW	€ 1687,00	€ 1707,00		
50	9	MM AP	2	94	2 15:1	R 1/2"	C 0,37 kW	€ 1687,00	€ 1707,00		
50	5	MM AP	2	70	4 20:1	R 1/2"	C 0,37 kW	€ 1687,00	€ 1707,00		
50	2,5	MM AP	2	35	5 40:1	R 1/2"	C 0,37 kW	€ 1687,00	€ 1707,00		
30	28	NM AP	2	175	1 8:1	R 1/2"	C 0,37 kW	€ 1813,00	€ 1832,00		
30	15	NM AP	2	94	2 15:1	R 1/2"	C 0,37 kW	€ 1813,00	€ 1832,00		
30	10	NM AP	2	70	4 20:1	R 1/2"	C 0,37 kW	€ 1813,00	€ 1832,00		
30	5	NM AP	2	35	5 40:1	R 1/2"	C 0,37 kW	€ 1813,00	€ 1832,00		
30	76	SM AP	4	175	1 8:1	R 1/2"	C 0,37 kW	€ 2231,00	€ 2252,00		
30	41	SM AP	4	94	2 15:1	R 1/2"	C 0,37 kW	€ 2231,00	€ 2252,00		
30	30	SM AP	4	70	4 20:1	R 1/2"	C 0,37 kW	€ 2231,00	€ 2252,00		
30	14	SM AP	4	35	5 40:1	R 1/2"	C 0,37 kW	€ 2231,00	€ 2252,00		
20	170	TM AP	6	175	1 8:1	R 3/4"	C 0,37 kW	€ 2231,00	€ 2252,00		
20	91	TM AP	6	94	2 15:1	R 3/4"	C 0,37 kW	€ 2231,00	€ 2252,00		
20	68	TM AP	6	70	4 20:1	R 3/4"	C 0,37 kW	€ 2231,00	€ 2252,00		
20	34	TM AP	6	35	5 40:1	R 3/4"	C 0,37 kW	€ 2231,00	€ 2252,00		

## Series \PRIUS D 60 Hz

### Diaphragm motor-driven dosing pumps

PRIUS series of motor-driven dosing pumps have been entirely de-signed and manufactured to meet higher level requirements.

PRIUS D 60 Hz pumps with constant dosing are equipped with PTFE

diaphragm and are also available in the AP version for high pressures and with three-phase or single-phase (Mono) motor.

ATEX certified models are allowed to be used in potentially explosive atmospheres.

#### PERFORMANCE

950  
l/h

100  
bar

#### POWER SUPPLY

380  
VAC

220  
VAC

115  
VAC

#### VENTING

MANUAL

SELF



## FEATURES

- Horizontal mounting
- Aluminium enclosure
- Spring return mechanism
- Double ball check valve (where available)
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials
- Tropicalized motor
- Available with ATEX certificatio

## INSTALLATION

- Kit installation A included
- Kits installation B and C sold separately
- The pump with pump head in AISI316L does not have accessories for installation

description	price
EXTRA MOTOR IP65 PRIUS	€ 134,00



## PUMP HEADS



PVDF



PP



AISI 316L

# Series \PRIUS D 60 Hz

## Diaphragm motor-driven dosing pumps

### PRIUS D 60 Hz

Diaphragm pump with constant dosing

#### FEATURES

- › PTFE diaphragm
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials

#### FUNCTIONS

- › Constant dosing

#### MOTORS

0,37 kW 220/380 V 3-phase  
0,18 kW 220/380 V 3-phase  
0,55 kW 220/380 V 3-phase

### PRIUS D 60 Hz Mono

Diaphragm pump with constant dosing and single-phase motor

#### FEATURES

- › PTFE diaphragm
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials
- › Single-phase motor

#### FUNCTIONS

- › Constant dosing

#### MOTORS

0,37 kW 220 V single-phase  
0,55 kW 220 V single-phase

### PRIUS D 60Hz AP

Diaphragm pump with constant dosing for high pressure

#### FEATURES

- › PTFE diaphragm
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials
- › For high pressure

#### FUNCTIONS

- › Constant dosing

#### MOTORS

0,37 kW 220/380 V 3-phase

### PRIUS D 60Hz AP Mono

Diaphragm pump for high pressure with single-phase motor

#### FEATURES

- › PTFE diaphragm
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials
- › For high pressure
- › Single-phase motor

#### FUNCTIONS

- › Constant dosing

#### MOTORS

0,37 kW 220 V single-phase  
0,55 kW 220 V single-phase

## ATEX - Category 2

### Category 2

Installation areas liable to be endangered by explosive atmospheres. Pumps intended for use in areas in which explosive atmospheres are likely to occur.

	G (gas)	D (dust)
1999/92/EC	Zone 1	Zone 21

- › Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- › Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.
- › Stainless steel liquid ends (AISI 316L).

## ATEX - Category 3

### Category 3

Installation areas liable to be endangered by explosive atmospheres. Pumps intended for use in areas in which explosive atmospheres only rarely occur.

	G (gas)	D (dust)
1999/92/EC	Zone 2	Zone 22

- › Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- › Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.

## PRIUS D DIAPHRAGM 60Hz

1   code													Kit instal- lation	
PD00		pump head I												
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	7   motor	PVDF		AISI 316L		PP			
10	55	NM	3	175	3 10:1	3 0,18 kW	hoses connection		4   K	hoses connection	4   S	hoses connection	4   P	
10	27	NM	3	87	4 20:1	3 0,18 kW	G 1/2" 13 mm (i.d.)		€ 923,00	R 1/2"	€ 1128,00	G 1/2" 13 mm (i.d.) € 923,00		A
10	14	NM	3	44	5 40:1	3 0,18 kW	G 1/2" 13 mm (i.d.)		€ 923,00	R 1/2"	€ 1128,00	G 1/2" 13 mm (i.d.) € 923,00		A
10	100	TM	3	175	3 10:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.) € 988,00		A
10	50	TM	3	87	4 20:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.) € 988,00		A
10	25	TM	3	44	5 40:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.) € 988,00		A
7	150	TM	4	175	3 10:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.) € 988,00		A
7	75	TM	4	87	4 20:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.) € 988,00		A
7	37	TM	4	44	5 40:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		€ 988,00	R 3/4"	€ 1446,00	G 3/4" 13 mm (i.d.) € 988,00		A
5	230	TM	6	175	3 10:1	4 0,37 kW	G 3/4" 18 mm (i.d.)		€ 1095,00	R 3/4"	€ 1550,00	G 3/4" 18 mm (i.d.) € 1030,00		B
5	115	TM	6	87	4 20:1	4 0,37 kW	G 3/4" 18 mm (i.d.)		€ 1095,00	R 3/4"	€ 1550,00	G 3/4" 18 mm (i.d.) € 1030,00		B
5	57	TM	6	44	5 40:1	4 0,37 kW	G 3/4" 18 mm (i.d.)		€ 1095,00	R 3/4"	€ 1550,00	G 3/4" 18 mm (i.d.) € 1030,00		B
2	950	UMS	10	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.) € 1589,00		C
5	950	UMS	10	175	3 10:1	N 0,55 kW	G 1 1/2" 30 mm (i.d.)		€ 2528,00	R 1"	€ 2464,00	G 1 1/2" 30 mm (i.d.) € 1838,00		C
2	472	UMS	10	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.) € 1589,00		C
2	238	UMS	10	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.) € 1589,00		C
5	335	UMS	4	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
5	165	UMS	4	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
5	84	UMS	4	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
5	420	UMS	5	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
5	210	UMS	5	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
5	105	UMS	5	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
5	505	UMS	6	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
5	250	UMS	6	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
5	126	UMS	6	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2214,00	R 1"	€ 2153,00	G 1 1/2" 30 mm (i.d.) € 1526,00		C
3	720	UMS	8	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.) € 1589,00		C
3	357	UMS	8	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.) € 1589,00		C
3	181	UMS	8	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		€ 2278,00	R 1"	€ 2214,00	G 1 1/2" 30 mm (i.d.) € 1589,00		C



## PRIUS D DIAPHRAGM 60Hz SINGLE-PHASE

1   code													
PD00													
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	7   motor	hoses connection	4   K	hoses connection	4   S	hoses connection	4   P	Kit instal-
10	55	NM	3	175	3 10:1	R 0,37 kW	G 1/2" 13 mm (i.d.)	€ 996,00	R 1/2"	€ 1204,00	G 1/2" 13 mm (i.d.)	€ 996,00	A
10	27	NM	3	87	4 20:1	R 0,37 kW	G 1/2" 13 mm (i.d.)	€ 996,00	R 1/2"	€ 1204,00	G 1/2" 13 mm (i.d.)	€ 996,00	A
10	14	NM	3	44	5 40:1	R 0,37 kW	G 1/2" 13 mm (i.d.)	€ 996,00	R 1/2"	€ 1204,00	G 1/2" 13 mm (i.d.)	€ 996,00	A
10	100	TM	3	175	3 10:1	R 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A
10	50	TM	3	87	4 20:1	R 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A
10	25	TM	3	44	5 40:1	R 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A
7	150	TM	4	175	3 10:1	R 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A
7	75	TM	4	87	4 20:1	R 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A
7	37	TM	4	44	5 40:1	R 0,37 kW	G 3/4" 13 mm (i.d.)	€ 1066,00	R 3/4"	€ 1519,00	G 3/4" 13 mm (i.d.)	€ 1066,00	A
5	230	TM	6	175	3 10:1	R 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1168,00	R 3/4"	€ 1621,00	G 3/4" 18 mm (i.d.)	€ 1105,00	B
5	115	TM	6	87	4 20:1	R 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1168,00	R 3/4"	€ 1621,00	G 3/4" 18 mm (i.d.)	€ 1105,00	B
5	57	TM	6	44	5 40:1	R 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1168,00	R 3/4"	€ 1621,00	G 3/4" 18 mm (i.d.)	€ 1105,00	B
5	335	UMS	4	175	3 10:1	E 0,55 kW	G 1 1/2" 30 mm (i.d.)	€ 2339,00	R 1"	€ 2277,00	G 1 1/2" 30 mm (i.d.)	€ 1650,00	C
5	165	UMS	4	87	4 20:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C
5	84	UMS	4	44	5 40:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C
5	420	UMS	5	175	3 10:1	E 0,55 kW	G 1 1/2" 30 mm (i.d.)	€ 2339,00	R 1"	€ 2277,00	G 1 1/2" 30 mm (i.d.)	€ 1650,00	C
5	210	UMS	5	87	4 20:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C
5	105	UMS	5	44	5 40:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C
5	505	UMS	6	175	3 10:1	E 0,55 kW	G 1 1/2" 30 mm (i.d.)	€ 2339,00	R 1"	€ 2277,00	G 1 1/2" 30 mm (i.d.)	€ 1650,00	C
5	250	UMS	6	87	4 20:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C
5	126	UMS	6	44	5 40:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)	€ 2290,00	R 1"	€ 2228,00	G 1 1/2" 30 mm (i.d.)	€ 1601,00	C

## PRIUS D DIAPHRAGM 60Hz HIGH PRESSURE

1   code		pump head I										PVDF	
PD00		AISI 316L											
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	7   motor	hoses connection		4   S	hoses connection		4   K	
100	3	LM AP	1.5	175	3 10:1	4 0,37 kW	R 3/8"		€1193,00	-		/	
100	1,5	LM AP	1.5	87	4 20:1	4 0,37 kW	R 3/8"		€1193,00	-		/	
50	14	MM AP	2	175	3 10:1	4 0,37 kW	R 1/2"		€1193,00	-		/	
50	7	MM AP	2	87	4 20:1	4 0,37 kW	R 1/2"		€1193,00	-		/	
50	3,5	MM AP	2	44	5 40:1	4 0,37 kW	R 1/2"		€1193,00	-		/	
30	26	NM AP	2	175	3 10:1	4 0,37 kW	R 1/2"		€1318,00	-		/	
30	13	NM AP	2	87	4 20:1	4 0,37 kW	R 1/2"		€1318,00	-		/	
30	6	NM AP	2	44	5 40:1	4 0,37 kW	R 1/2"		€1318,00	-		/	
30	72	SM AP	4	175	3 10:1	4 0,37 kW	R 1/2"		€1736,00	-		/	
30	36	SM AP	4	87	4 20:1	4 0,37 kW	R 1/2"		€1736,00	-		/	
30	18	SM AP	4	44	5 40:1	4 0,37 kW	R 1/2"		€1736,00	-		/	
20	153	TM AP	6	175	3 10:1	4 0,37 kW	R 3/4"		€1736,00	-		/	
20	76	TM AP	6	87	4 20:1	4 0,37 kW	R 3/4"		€1736,00	-		/	
20	38	TM AP	6	44	5 40:1	4 0,37 kW	R 3/4"		€1736,00	-		/	
20	27	NM AP	2	175	3 10:1	4 0,37 kW	-		-	8x10 (PVDF) / 8x12 (PVC)		€1114,00	
20	13	NM AP	2	87	4 20:1	4 0,37 kW	-		-	8x10 (PVDF) / 8x12 (PVC)		€1114,00	
20	7	NM AP	2	44	5 40:1	4 0,37 kW	-		-	8x10 (PVDF) / 8x12 (PVC)		€1114,00	

## PRIUS D DIAPHRAGM 60Hz HIGH PRESSURE SINGLE-PHASE

1   code		pump head I										AISI316L	
PD00													
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	7   motor	hoses connection		4   S			4   S	
100	3	LM AP	1.5	175	3 10:1	R 0,37 kW	R 3/8"		€1266,00				
100	1,5	LM AP	1.5	87	4 20:1	R 0,37 kW	R 3/8"		€1266,00				
50	14	MM AP	2	175	3 10:1	R 0,37 kW	R 1/2"		€1266,00				
50	7	MM AP	2	87	4 20:1	R 0,37 kW	R 1/2"		€1266,00				
50	3,5	MM AP	2	44	5 40:1	R 0,37 kW	R 1/2"		€1266,00				
30	26	NM AP	2	175	3 10:1	R 0,37 kW	R 1/2"		€1391,00				
30	13	NM AP	2	87	4 20:1	R 0,37 kW	R 1/2"		€1391,00				
30	6	NM AP	2	44	5 40:1	R 0,37 kW	R 1/2"		€1391,00				
30	72	SM AP	4	175	3 10:1	R 0,37 kW	R 1/2"		€1813,00				
30	36	SM AP	4	87	4 20:1	R 0,37 kW	R 1/2"		€1813,00				
30	18	SM AP	4	44	5 40:1	R 0,37 kW	R 1/2"		€1813,00				
20	153	TM AP	6	175	3 10:1	E 0,55 kW	R 3/4"		€1860,00				
20	76	TM AP	6	87	4 20:1	R 0,37 kW	R 3/4"		€1813,00				
20	38	TM AP	6	44	5 40:1	R 0,37 kW	R 3/4"		€1813,00				

## PRIUS D DIAPHRAGM 60Hz ATEX 2G/2D

1   code		pump head I										II 2 D Ex h IIIC T120°C Db	
PD00													
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	hoses connection	7   motor	4   S	7   motor	4   S			
10	7	NM	1.5	35	5 40:1	R 1/2"	3 0,37 kW	€1621,00	3 0,43 kW	€1694,00			
10	55	NM	3	175	3 10:1	R 1/2"	3 0,37 kW	€1621,00	3 0,43 kW	€1694,00			
10	27	NM	3	70	4 20:1	R 1/2"	3 0,37 kW	€1621,00	3 0,43 kW	€1694,00			
10	14	NM	3	35	5 40:1	R 1/2"	3 0,37 kW	€1621,00	3 0,43 kW	€1694,00			
10	100	TM	3	175	3 10:1	R 1/2"	V 0,37 kW	€1941,00	3 0,43 kW	€2008,00			
10	50	TM	3	87	4 20:1	R 3/4"	V 0,37 kW	€1941,00	3 0,43 kW	€2008,00			
10	25	TM	3	44	5 40:1	R 3/4"	V 0,37 kW	€1941,00	3 0,43 kW	€2008,00			
7	150	TM	4	175	3 10:1	R 3/4"	V 0,37 kW	€1941,00	3 0,43 kW	€2008,00			
7	75	TM	4	87	4 20:1	R 3/4"	V 0,37 kW	€1941,00	3 0,43 kW	€2008,00			
7	37	TM	4	44	5 40:1	R 3/4"	V 0,37 kW	€1941,00	3 0,43 kW	€2008,00			
5	230	TM	6	175	3 10:1	R 3/4"	V 0,37 kW	€2044,00	3 0,43 kW	€2113,00			
5	115	TM	6	87	4 20:1	R 3/4"	V 0,37 kW	€2044,00	3 0,43 kW	€2113,00			
5	57	TM	6	44	5 40:1	R 3/4"	V 0,37 kW	€2044,00	3 0,43 kW	€2113,00			

## PRIUS D DIAPHRAGM 60Hz ATEX 3G/3D

1   code														
PD00														
II 3G Ex h IIC T3 Gc														
II 3 D Ex h IIC T120°C Dc														
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	7   motor	PVDF 4   K	AISI316L 4   S	PP 4   P	pump head I 7   motor	PVDF 4   K	AISI316L 4   S	PP 4   P	Kit instal-
10	55	NM	3	175	3 10:1	A 0,25 kW	€ 1340,00	/	€ 1340,00	B 0,29 kW	€ 1409,00	/	€ 1409,00	A
10	27	NM	3	70	4 20:1	A 0,25 kW	€ 1340,00	/	€ 1340,00	B 0,29 kW	€ 1409,00	/	€ 1409,00	A
10	14	NM	3	35	5 40:1	A 0,25 kW	€ 1340,00	/	€ 1340,00	B 0,29 kW	€ 1409,00	/	€ 1409,00	A
10	100	TM	3	175	3 10:1	V 0,37 kW	€ 1405,00	/	€ 1405,00	V 0,43 kW	€ 1476,00	/	€ 1476,00	A
10	50	TM	3	87	4 20:1	V 0,37 kW	€ 1405,00	/	€ 1405,00	V 0,43 kW	€ 1476,00	/	€ 1476,00	A
10	25	TM	3	44	5 40:1	V 0,37 kW	€ 1405,00	/	€ 1405,00	V 0,43 kW	€ 1476,00	/	€ 1476,00	A
7	150	TM	4	175	3 10:1	V 0,37 kW	€ 1405,00	/	€ 1405,00	V 0,43 kW	€ 1476,00	/	€ 1476,00	A
7	75	TM	4	87	4 20:1	V 0,37 kW	€ 1405,00	/	€ 1405,00	V 0,43 kW	€ 1476,00	/	€ 1476,00	A
7	37	TM	4	44	5 40:1	V 0,37 kW	€ 1405,00	/	€ 1405,00	V 0,43 kW	€ 1476,00	/	€ 1476,00	A
5	230	TM	6	175	3 10:1	V 0,37 kW	€ 1511,00	/	€ 1449,00	V 0,43 kW	€ 1580,00	/	€ 1516,00	B
5	115	TM	6	87	4 20:1	V 0,37 kW	€ 1511,00	/	€ 1449,00	V 0,43 kW	€ 1580,00	/	€ 1516,00	B
5	57	TM	6	44	5 40:1	V 0,37 kW	€ 1511,00	/	€ 1449,00	V 0,43 kW	€ 1580,00	/	€ 1516,00	B
5	335	UMS	4	175	3 10:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C
5	165	UMS	4	87	4 20:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C
5	84	UMS	4	44	5 40:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C
5	420	UMS	5	175	3 10:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C
5	210	UMS	5	87	4 20:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C
5	105	UMS	5	44	5 40:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C
5	505	UMS	6	175	3 10:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C
5	250	UMS	6	87	4 20:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C
5	126	UMS	6	44	5 40:1	V 0,37 kW	€ 2631,00	€ 2569,00	€ 1943,00	V 0,43 kW	€ 2702,00	€ 2640,00	€ 2014,00	C

## PRIUS D DIAPHRAGM 60Hz ATEX 2G/2D HIGH PRESSURE

1   code														
PD00														
II 2G Ex h IIC T3 Gb														
II 2 D Ex h IIC T120°C Db														
2   bar	3   l/h	p.h.	stroke mm	spm	6   reduction	hoses connection	pump head I 7   motor	AISI316L 4   S	AISI316L 4   S					
100	3	LM AP	1.5	175	3 10:1	R 3/8"	D 0,43 kW	€ 1687,00	€ 1756,00					
100	1,5	LM AP	1.5	70	4 20:1	R 3/8"	D 0,43 kW	€ 1687,00	€ 1756,00					
50	14	MM AP	2	175	3 10:1	R 1/2"	V 0,43 kW	€ 1687,00	€ 1756,00					
50	7	MM AP	2	87	4 20:1	R 1/2"	V 0,43 kW	€ 1687,00	€ 1756,00					
50	3,5	MM AP	2	44	5 40:1	R 1/2"	V 0,43 kW	€ 1687,00	€ 1756,00					
30	26	NM AP	2	175	3 10:1	R 1/2"	V 0,43 kW	€ 1813,00	€ 1880,00					
30	13	NM AP	2	87	4 20:1	R 1/2"	V 0,43 kW	€ 1813,00	€ 1880,00					
30	6	NM AP	2	44	5 40:1	R 1/2"	V 0,43 kW	€ 1813,00	€ 1880,00					
30	72	SM AP	4	175	3 10:1	R 1/2"	V 0,43 kW	€ 2231,00	€ 2302,00					
30	36	SM AP	4	87	4 20:1	R 1/2"	V 0,43 kW	€ 2231,00	€ 2302,00					
30	18	SM AP	4	44	5 40:1	R 1/2"	V 0,43 kW	€ 2231,00	€ 2302,00					
20	153	TM AP	6	175	3 10:1	R 3/4"	V 0,43 kW	€ 2231,00	€ 2302,00					
20	76	TM AP	6	87	4 20:1	R 3/4"	V 0,43 kW	€ 2231,00	€ 2302,00					
20	38	TM AP	6	44	5 40:1	R 3/4"	V 0,43 kW	€ 2231,00	€ 2302,00					

## Series \PRIUS P 50 Hz

### Plunger motor-driven dosing pumps

PRIUS series of motor-driven dosing pumps have been entirely de-signed and manufactured to meet higher level requirements.

PRIUS P 50 Hz pumps with constant dosing are equipped with

ceramic or SS plunger and are available with three-phase or single-phase (Mono) motor.

ATEX certified models are allowed to be used in potentially explosive atmospheres.

#### PERFORMANCE

508  
l/h

10  
bar

#### POWER SUPPLY

380  
VAC

220  
VAC

115  
VAC

#### VENTING

MANUAL

SELF



## FEATURES

- Horizontal mounting
- Aluminium enclosure
- Spring return mechanism
- Double ball check valve (where available)
- Manual stroke length adjustment
- Flow rate adjustment from 0 to 100% with manual adjustment on the knob
- Liquid ends available in different sizes and materials
- Tropicalized motor
- Available with ATEX certificatio

## INSTALLATION

- Kit installation A included
- Kits installation B and C sold separately
- The pump with pump head in AISI316L does not have accessories for installation

description	price
EXTRA MOTOR IP65 PRIUS	€ € 134,00



### PUMP HEADS



AISI 316L



PP

### PLUNGERS



CERAMIC



AISI 420

## Series \PRIUS P 50 Hz

### Plunger motor-driven dosing pumps

#### PRIUS P 50 Hz

Plunger pump with constant dosing

##### FEATURES

- › Ceramic or stainless steel (AISI420) plunger
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials

##### FUNCTIONS

- › Constant dosing

##### MOTORS

0,18 kW 3-phase 220/380 V  
0,37 kW 3-phase 220/380 V  
0,55 kW 3-phase 220/380 V

#### PRIUS P 50 Hz Mono

Plunger pump with constant dosing with single-phase motor

##### FEATURES

- › Ceramic or stainless steel (AISI420) plunger
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials
- › Single-phase motor

##### FUNCTIONS

- › Constant dosing

##### MOTORS

0,37 kW 220 V single-phase  
0,55 kW 220 V single-phase

## ATEX - Category 2

### Category 2

Installation areas liable to be endangered by explosive atmospheres.      Pumps intended for use in areas in which explosive atmospheres are likely to occur.

	G (gas)	D (dust)
1999/92/EC	Zone 1	Zone 21

- › Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- › Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.
- › Stainless steel liquid ends (AISI 316L).

## ATEX - Category 3

### Category 3

Installation areas liable to be endangered by explosive atmospheres.      Pumps intended for use in areas in which explosive atmospheres only rarely occur.

	G (gas)	D (dust)
1999/92/EC	Zone 2	Zone 22

- › Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- › Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.

## PRIUS P PLUNGER 50Hz

1   code		pump head   plunger					PP   CERAMIC		AISI316L   AISI420		Kit instal- lation
PP00											
2   bar	3   l/h	plunger stroke	mm	spm	6   reduction	7   motor	hoses connection	4   D	hoses connection	4   E	
10	24	14	15	175	1 8:1	1 0,18 kW	G 1/2" 12x18	€ 1066,00	R 1/2"	€ 1126,00	A
10	13	14	15	94	2 15:1	1 0,18 kW	G 1/2" 12x18	€ 1066,00	R 1/2"	€ 1126,00	A
10	10	14	15	70	4 20:1	1 0,18 kW	G 1/2" 12x18	€ 1066,00	R 1/2"	€ 1126,00	A
10	5	14	15	35	5 40:1	1 0,18 kW	G 1/2" 12x18	€ 1066,00	R 1/2"	€ 1126,00	A
10	80	25	15	175	1 8:1	1 0,18 kW	G 1/2" 12x18	€ 1077,00	R 1/2"	€ 1163,00	A
10	43	25	15	94	2 15:1	1 0,18 kW	G 1/2" 12x18	€ 1077,00	R 1/2"	€ 1163,00	A
10	32	25	15	70	4 20:1	1 0,18 kW	G 1/2" 12x18	€ 1077,00	R 1/2"	€ 1163,00	A
10	16	25	15	35	5 40:1	1 0,18 kW	G 1/2" 12x18	€ 1077,00	R 1/2"	€ 1163,00	A
10	130	32	15	175	1 8:1	1 0,18 kW	G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1315,00	A
10	70	32	15	94	2 15:1	1 0,18 kW	G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1315,00	A
10	52	32	15	70	4 20:1	1 0,18 kW	G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1315,00	A
10	26	32	15	35	5 40:1	1 0,18 kW	G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1315,00	A
10	210	40	15	175	1 8:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1199,00	R 3/4"	€ 1440,00	B
10	113	40	15	94	2 15:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1199,00	R 3/4"	€ 1440,00	B
10	84	40	15	70	4 20:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1199,00	R 3/4"	€ 1440,00	B
10	42	40	15	35	5 40:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1199,00	R 3/4"	€ 1440,00	B
10	320	50	15	175	1 8:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1244,00	R 3/4"	€ 1500,00	B
10	172	50	15	94	2 15:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1244,00	R 3/4"	€ 1500,00	B
10	128	50	15	70	4 20:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1244,00	R 3/4"	€ 1500,00	B
10	64	50	15	35	5 40:1	2 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1244,00	R 3/4"	€ 1500,00	B
7	508	63	15	175	1 8:1	L 0,55 kW	-	-	R 1"	€ 1733,00	-
7	273	63	15	94	2 15:1	2 0,37 kW	-	-	R 1"	€ 1609,00	-
7	203	63	15	70	4 20:1	2 0,37 kW	-	-	R 1"	€ 1609,00	-
7	101	63	15	35	5 40:1	2 0,37 kW	-	-	R 1"	€ 1609,00	-

## PRIUS P PLUNGER 50Hz SINGLE-PHASE

1   code		pump head   plunger					PP   CERAMIC		AISI316L   AISI420		Kit instal- lation
PP00											
2   bar	3   l/h	plunger stroke	mm	spm	6   reduction	7   motor	hoses connection	4   D	hoses connection	4   E	
10	24	14	15	175	1 8:1	6 0,37 kW	G 1/2" 12x18	€ 1137,00	R 1/2"	€ 1199,00	A
10	13	14	15	94	2 15:1	6 0,37 kW	G 1/2" 12x18	€ 1137,00	R 1/2"	€ 1199,00	A
10	10	14	15	70	4 20:1	6 0,37 kW	G 1/2" 12x18	€ 1137,00	R 1/2"	€ 1199,00	A
10	5	14	15	35	5 40:1	6 0,37 kW	G 1/2" 12x18	€ 1137,00	R 1/2"	€ 1199,00	A
10	80	25	15	175	1 8:1	6 0,37 kW	G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1238,00	A
10	43	25	15	94	2 15:1	6 0,37 kW	G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1238,00	A
10	32	25	15	70	4 20:1	6 0,37 kW	G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1238,00	A
10	16	25	15	35	5 40:1	6 0,37 kW	G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1238,00	A
10	130	32	15	175	1 8:1	6 0,37 kW	G 1/2" 12x18	€ 1225,00	R 1/2"	€ 1389,00	A
10	70	32	15	94	2 15:1	6 0,37 kW	G 1/2" 12x18	€ 1225,00	R 1/2"	€ 1389,00	A
10	52	32	15	70	4 20:1	6 0,37 kW	G 1/2" 12x18	€ 1225,00	R 1/2"	€ 1389,00	A
10	26	32	15	35	5 40:1	6 0,37 kW	G 1/2" 12x18	€ 1225,00	R 1/2"	€ 1389,00	A
10	210	40	15	175	1 8:1	8 0,55 kW	G 3/4" 18 mm (i.d.)	€ 1324,00	R 3/4"	€ 1565,00	B
10	113	40	15	94	2 15:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1273,00	R 3/4"	€ 1514,00	B
10	84	40	15	70	4 20:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1273,00	R 3/4"	€ 1514,00	B
10	42	40	15	35	5 40:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1273,00	R 3/4"	€ 1514,00	B
10	320	50	15	175	1 8:1	8 0,55 kW	G 3/4" 18 mm (i.d.)	€ 1369,00	R 3/4"	€ 1625,00	B
10	172	50	15	94	2 15:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1320,00	R 3/4"	€ 1577,00	B
10	128	50	15	70	4 20:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1320,00	R 3/4"	€ 1577,00	B
10	64	50	15	35	5 40:1	6 0,37 kW	G 3/4" 18 mm (i.d.)	€ 1320,00	R 3/4"	€ 1577,00	B
7	508	63	15	175	1 8:1	8 0,55 kW	-	-	R 1"	€ 1858,00	-
7	273	63	15	94	2 15:1	6 0,37 kW	-	-	R 1"	€ 1686,00	-
7	203	63	15	70	4 20:1	6 0,37 kW	-	-	R 1"	€ 1686,00	-
7	101	63	15	35	5 40:1	6 0,37 kW	-	-	R 1"	€ 1686,00	-



## PRIUS P PLUNGER 50Hz ATEX 2G/2D

1   code							II 2G Ex h IIC T3 Gb		II 2 D Ex h IIC T120°C Db	
PP00		pump head   plunger					AISI316L   AISI420		AISI316L   AISI420	
2   bar	3   l/h	plunger	stroke mm	spm	6   reduction	hoses connection	7   motor	4   S	7   motor	4   S
10	24	14	15	175	1 8:1	R 1/2"	A 0,25 kW	€1619,00	B 0,25 kW	€1641,00
10	13	14	15	94	2 15:1	R 1/2"	A 0,25 kW	€1619,00	B 0,25 kW	€1641,00
10	10	14	15	70	4 20:1	R 1/2"	A 0,25 kW	€1619,00	B 0,25 kW	€1641,00
10	5	14	15	35	5 40:1	R 1/2"	A 0,25 kW	€1619,00	B 0,25 kW	€1641,00
10	80	25	15	175	1 8:1	R 1/2"	A 0,25 kW	€1660,00	B 0,25 kW	€1679,00
10	43	25	15	94	2 15:1	R 1/2"	A 0,25 kW	€1660,00	B 0,25 kW	€1679,00
10	32	25	15	70	4 20:1	R 1/2"	A 0,25 kW	€1660,00	B 0,25 kW	€1679,00
10	16	25	15	35	5 40:1	R 1/2"	A 0,25 kW	€1660,00	B 0,25 kW	€1679,00
10	130	32	15	175	1 8:1	R 1/2"	A 0,25 kW	€1810,00	B 0,25 kW	€1829,00
10	70	32	15	94	2 15:1	R 1/2"	A 0,25 kW	€1810,00	B 0,25 kW	€1829,00
10	52	32	15	70	4 20:1	R 1/2"	A 0,25 kW	€1810,00	B 0,25 kW	€1829,00
10	26	32	15	35	5 40:1	R 1/2"	A 0,25 kW	€1810,00	B 0,25 kW	€1829,00
10	210	40	15	175	1 8:1	R 3/4"	C 0,37 kW	€1935,00	D 0,37 kW	€1955,00
10	113	40	15	94	2 15:1	R 3/4"	C 0,37 kW	€1935,00	D 0,37 kW	€1955,00
10	84	40	15	70	4 20:1	R 3/4"	C 0,37 kW	€1935,00	D 0,37 kW	€1955,00
10	42	40	15	35	5 40:1	R 3/4"	C 0,37 kW	€1935,00	D 0,37 kW	€1955,00
10	320	50	15	175	1 8:1	R 3/4"	C 0,37 kW	€1997,00	D 0,37 kW	€2017,00
10	172	50	15	94	2 15:1	R 3/4"	C 0,37 kW	€1997,00	D 0,37 kW	€2017,00
10	128	50	15	70	4 20:1	R 3/4"	C 0,37 kW	€1997,00	D 0,37 kW	€2017,00
10	64	50	15	35	5 40:1	R 3/4"	C 0,37 kW	€1997,00	D 0,37 kW	€2017,00
7	508	63	15	175	1 8:1	R 1"	A 0,25 kW	€2230,00	B 0,55 kW	€2250,00
7	273	63	15	94	2 15:1	R 1"	C 0,37 kW	€2106,00	D 0,37 kW	€2124,00
7	203	63	15	70	4 20:1	R 1"	C 0,37 kW	€2106,00	D 0,37 kW	€2124,00
7	101	63	15	35	5 40:1	R 1"	C 0,37 kW	€2106,00	D 0,37 kW	€2124,00

## PRIUS P PLUNGER 50Hz ATEX 3G/3D

1   code							II 3G Ex h IIC T3 Gc		II 3 D Ex h IIC T120°C Dc		Kit instal- lation
PP00		pump head   plunger					PP   CERAMIC		PP   CERAMIC		
2   bar	3   l/h	plunger	stroke mm	spm	6   reduction	hoses connection	7   motor	4   D	7   motor	4   D	
10	24	14	15	175	1 8:1	G 1/2" 12x18	A 0,25 kW	€1462,00	B 0,25 kW	€1482,00	A
10	13	14	15	94	2 15:1	G 1/2" 12x18	A 0,25 kW	€1462,00	B 0,25 kW	€1482,00	A
10	10	14	15	70	4 20:1	G 1/2" 12x18	A 0,25 kW	€1462,00	B 0,25 kW	€1482,00	A
10	5	14	15	35	5 40:1	G 1/2" 12x18	A 0,25 kW	€1462,00	B 0,25 kW	€1482,00	A
10	80	25	15	175	1 8:1	G 1/2" 12x18	A 0,25 kW	€1476,00	B 0,25 kW	€1494,00	A
10	43	25	15	94	2 15:1	G 1/2" 12x18	A 0,25 kW	€1476,00	B 0,25 kW	€1494,00	A
10	32	25	15	70	4 20:1	G 1/2" 12x18	A 0,25 kW	€1476,00	B 0,25 kW	€1494,00	A
10	16	25	15	35	5 40:1	G 1/2" 12x18	A 0,25 kW	€1476,00	B 0,25 kW	€1494,00	A
10	130	32	15	175	1 8:1	G 1/2" 12x18	A 0,25 kW	€1550,00	B 0,25 kW	€1570,00	A
10	70	32	15	94	2 15:1	G 1/2" 12x18	A 0,25 kW	€1550,00	B 0,25 kW	€1570,00	A
10	52	32	15	70	4 20:1	G 1/2" 12x18	A 0,25 kW	€1550,00	B 0,25 kW	€1570,00	A
10	26	32	15	35	5 40:1	G 1/2" 12x18	A 0,25 kW	€1550,00	B 0,25 kW	€1570,00	A
10	210	40	15	175	1 8:1	G 3/4" 18 mm (i.d.)	C 0,37 kW	€1598,00	D 0,37 kW	€1616,00	B
10	113	40	15	94	2 15:1	G 3/4" 18 mm (i.d.)	C 0,37 kW	€1598,00	D 0,37 kW	€1616,00	B
10	84	40	15	70	4 20:1	G 3/4" 18 mm (i.d.)	C 0,37 kW	€1598,00	D 0,37 kW	€1616,00	B
10	42	40	15	35	5 40:1	G 3/4" 18 mm (i.d.)	C 0,37 kW	€1598,00	D 0,37 kW	€1616,00	B
10	320	50	15	175	1 8:1	G 3/4" 18 mm (i.d.)	C 0,37 kW	€1644,00	D 0,37 kW	€1664,00	B
10	172	50	15	94	2 15:1	G 3/4" 18 mm (i.d.)	C 0,37 kW	€1644,00	D 0,37 kW	€1664,00	B
10	128	50	15	70	4 20:1	G 3/4" 18 mm (i.d.)	C 0,37 kW	€1644,00	D 0,37 kW	€1664,00	B
10	64	50	15	35	5 40:1	G 3/4" 18 mm (i.d.)	C 0,37 kW	€1644,00	D 0,37 kW	€1664,00	B

## Series \PRIUS P 60 Hz

### Plunger motor-driven dosing pumps

PRIUS series of motor-driven dosing pumps have been entirely de-signed and manufactured to meet higher level requirements.

PRIUS P 60 Hz pumps with constant dosing are equipped with

ceramic or SS plunger and are available with three-phase or single-phase (Mono) motor.

ATEX certified models are allowed to be used in potentially explosive atmospheres.

#### PERFORMANCE

469  
l/h

10  
bar

#### POWER SUPPLY

380  
VAC

220  
VAC

115  
VAC

#### VENTING

MANUAL

SELF



# FEATURES

- Horizontal mounting
- Aluminium enclosure
- Spring return mechanism
- Double ball check valve (where available)
- Manual stroke length adjustment
- Flow rate adjustment from 0 to 100% with manual adjustment on the knob
- Liquid ends available in different sizes and materials
- Tropicalized motor
- Available with ATEX certificatio

# INSTALLATION

- Kit installation A included
- Kits installation B and C sold separately
- The pump with pump head in AISI316L does not have accessories for installation

description	price
EXTRA MOTOR IP65 PRIUS	€ 134,00



## PUMP HEADS

## PLUNGERS



AISI 316L

PP

CERAMIC

AISI 420

## Series \PRIUS P 60 Hz

### Plunger motor-driven dosing pumps

#### PRIUS P 60 Hz

Plunger pump with constant dosing

##### FEATURES

- › Ceramic or stainless steel (AISI420) plunger
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials

##### FUNCTIONS

- › Constant dosing

##### MOTORS

0,37 kW 220/380 V 3-phase  
0,18 kW 220/380 V 3-phase  
0,55 kW 220/380 V 3-phase

#### PRIUS P 60 Hz Mono

Plunger pump with constant dosing with single-phase motor

##### FEATURES

- › Ceramic or stainless steel (AISI420) plunger
- › Manual stroke length adjustment
- › Liquid ends available in different sizes and materials
- › Single-phase motor

##### FUNCTIONS

- › Constant dosing

##### MOTORS

0,37 kW 220 V single-phase  
0,55 kW 220 V single-phase

## ATEX - Category 2

### Category 2

Installation areas liable to be endangered by explosive atmospheres.      Pumps intended for use in areas in which explosive atmospheres are likely to occur.

	G (gas)	D (dust)
1999/92/EC	Zone 1	Zone 21

- › Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- › Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.
- › Stainless steel liquid ends (AISI 316L).

## ATEX - Category 3

### Category 3

Installation areas liable to be endangered by explosive atmospheres.      Pumps intended for use in areas in which explosive atmospheres only rarely occur.

	G (gas)	D (dust)
1999/92/EC	Zone 2	Zone 22

- › Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- › Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.

## PRIUS P PLUNGER 60Hz

1   code						pump head   plunger		PP   CERAMIC		AISI316L   AISI420		Kit instal- lation
2   bar	3   l/h	plunger stroke	mm	spm	6   reduction	7   motor		hoses connection	4   D	hoses connection	4   E	
10	23	14	15	175	3 10:1	3 0,18 kW		G 1/2" 12x18	€ 1066,00	R 1/2"	€ 1126,00	A
10	11	14	15	87	4 20:1	3 0,18 kW		G 1/2" 12x18	€ 1066,00	R 1/2"	€ 1126,00	A
10	5	14	15	44	5 40:1	3 0,18 kW		G 1/2" 12x18	€ 1066,00	R 1/2"	€ 1126,00	A
10	76	25	15	175	3 10:1	3 0,18 kW		G 1/2" 12x18	€ 1077,00	R 1/2"	€ 1163,00	A
10	38	25	15	87	4 20:1	3 0,18 kW		G 1/2" 12x18	€ 1077,00	R 1/2"	€ 1163,00	A
10	19	25	15	44	5 40:1	3 0,18 kW		G 1/2" 12x18	€ 1077,00	R 1/2"	€ 1163,00	A
10	126	32	15	175	3 10:1	3 0,18 kW		G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1315,00	A
10	63	32	15	87	4 20:1	3 0,18 kW		G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1315,00	A
10	31	32	15	44	5 40:1	3 0,18 kW		G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1315,00	A
10	195	40	15	175	3 10:1	4 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1199,00	R 3/4"	€ 1440,00	B
10	97	40	15	87	4 20:1	4 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1199,00	R 3/4"	€ 1440,00	B
10	48	40	15	44	5 40:1	4 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1199,00	R 3/4"	€ 1440,00	B
10	300	50	15	175	3 10:1	4 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1244,00	R 3/4"	€ 1500,00	B
10	150	50	15	87	4 20:1	4 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1244,00	R 3/4"	€ 1500,00	B
10	75	50	15	44	5 40:1	4 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1244,00	R 3/4"	€ 1500,00	B
7	469	63	15	175	3 10:1	N 0,55 kW		-	-	R 1"	€ 1733,00	-
7	234	63	15	87	4 20:1	4 0,37 kW		-	-	R 1"	€ 1609,00	-
7	117	63	15	44	5 40:1	4 0,37 kW		-	-	R 1"	€ 1609,00	-

## PRIUS P PLUNGER 60Hz SINGLE-PHASE

1   code						pump head   plunger		PP   CERAMIC		AISI316L   AISI420		Kit instal- lation
2   bar	3   l/h	plunger stroke	mm	spm	6   reduction	7   motor		hoses connection	4   D	hoses connection	4   E	
10	23	14	15	175	3 10:1	R 0,37 kW		G 1/2" 12x18	€ 1137,00	R 1/2"	€ 1199,00	A
10	11	14	15	87	4 20:1	R 0,37 kW		G 1/2" 12x18	€ 1137,00	R 1/2"	€ 1199,00	A
10	5	14	15	44	5 40:1	R 0,37 kW		G 1/2" 12x18	€ 1137,00	R 1/2"	€ 1199,00	A
10	76	25	15	175	3 10:1	R 0,37 kW		G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1238,00	A
10	38	25	15	87	4 20:1	R 0,37 kW		G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1238,00	A
10	19	25	15	44	5 40:1	R 0,37 kW		G 1/2" 12x18	€ 1150,00	R 1/2"	€ 1238,00	A
10	126	32	15	175	3 10:1	R 0,37 kW		G 1/2" 12x18	€ 1225,00	R 1/2"	€ 1389,00	A
10	63	32	15	87	4 20:1	R 0,37 kW		G 1/2" 12x18	€ 1225,00	R 1/2"	€ 1389,00	A
10	31	32	15	44	5 40:1	R 0,37 kW		G 1/2" 12x18	€ 1225,00	R 1/2"	€ 1389,00	A
10	195	40	15	175	3 10:1	R 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1273,00	R 3/4"	€ 1514,00	B
10	97	40	15	87	4 20:1	R 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1273,00	R 3/4"	€ 1514,00	B
10	48	40	15	44	5 40:1	R 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1273,00	R 3/4"	€ 1514,00	B
10	300	50	15	175	3 10:1	E 0,55 kW		G 3/4" 18 mm (i.d.)	€ 1369,00	R 3/4"	€ 1625,00	B
10	150	50	15	87	4 20:1	R 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1320,00	R 3/4"	€ 1577,00	B
10	75	50	15	44	5 40:1	R 0,37 kW		G 3/4" 18 mm (i.d.)	€ 1320,00	R 3/4"	€ 1577,00	B
7	469	63	15	175	3 10:1	E 0,55 kW		-	-	R 1"	€ 1858,00	-
7	234	63	15	87	4 20:1	R 0,37 kW		-	-	R 1"	€ 1686,00	-
7	117	63	15	44	5 40:1	R 0,37 kW		-	-	R 1"	€ 1686,00	-

## PRIUS P PLUNGER 60Hz ATEX 2G/2D

1   code							II 2G Ex h IIC T3 Gb		II 2 D Ex h IIIC T120°C Db	
PP00		pump head   plunger					AISI316L   AISI420		AISI316L   AISI420	
2   bar	3   l/h	plunger	stroke mm	spm	6   reduction	hoses connection	7   motor	4   S	7   motor	4   S
10	23	14	15	175	3 10:1	R 1/2"	3 0,37 kW	€ 1619,00	3 0,43 kW	€ 1692,00
10	11	14	15	87	4 20:1	R 1/2"	3 0,37 kW	€ 1619,00	3 0,43 kW	€ 1692,00
10	5	14	15	44	5 40:1	R 1/2"	3 0,37 kW	€ 1619,00	3 0,43 kW	€ 1692,00
10	76	25	15	175	3 10:1	R 1/2"	3 0,37 kW	€ 1660,00	3 0,43 kW	€ 1727,00
10	38	25	15	87	4 20:1	R 1/2"	3 0,37 kW	€ 1660,00	3 0,43 kW	€ 1727,00
10	19	25	15	44	5 40:1	R 1/2"	3 0,37 kW	€ 1660,00	3 0,43 kW	€ 1727,00
10	126	32	15	175	3 10:1	R 1/2"	3 0,37 kW	€ 1810,00	3 0,43 kW	€ 1877,00
10	63	32	15	87	4 20:1	R 1/2"	3 0,37 kW	€ 1810,00	3 0,43 kW	€ 1877,00
10	31	32	15	44	5 40:1	R 1/2"	3 0,37 kW	€ 1810,00	3 0,43 kW	€ 1877,00
10	195	40	15	175	3 10:1	R 3/4"	V 0,37 kW	€ 1935,00	3 0,43 kW	€ 2003,00
10	97	40	15	87	4 20:1	R 3/4"	V 0,37 kW	€ 1935,00	3 0,43 kW	€ 2003,00
10	48	40	15	44	5 40:1	R 3/4"	V 0,37 kW	€ 1935,00	3 0,43 kW	€ 2003,00
10	300	50	15	175	3 10:1	R 3/4"	V 0,37 kW	€ 1997,00	3 0,43 kW	€ 2066,00
10	150	50	15	87	4 20:1	R 3/4"	V 0,37 kW	€ 1997,00	3 0,43 kW	€ 2066,00
10	75	50	15	44	5 40:1	R 3/4"	V 0,37 kW	€ 1997,00	3 0,43 kW	€ 2066,00
7	469	63	15	175	3 10:1	R 1"	3 0,37 kW	€ 2230,00	3 0,43 kW	€ 2299,00
7	234	63	15	87	4 20:1	R 1"	V 0,37 kW	€ 2106,00	3 0,43 kW	€ 2175,00
7	117	63	15	44	5 40:1	R 1"	V 0,37 kW	€ 2106,00	3 0,43 kW	€ 2175,00

## PRIUS P PLUNGER 60Hz ATEX 3G/3D

1   code							II 3G Ex h IIC T3 Gc		II 3 D Ex h IIIC T120°C Dc		Kit instal- lation
PP00		pump head   plunger					PP   CERAMIC		PP   CERAMIC		
2   bar	3   l/h	plunger	stroke mm	spm	6   reduction	hoses connection	7   motor	4   D	7   motor	4   D	
10	23	14	15	175	3 10:1	G 1/2" 12x18	3 0,25 kW	€ 1481,00	3 0,29 kW	€ 1552,00	A
10	11	14	15	87	4 20:1	G 1/2" 12x18	3 0,25 kW	€ 1481,00	3 0,29 kW	€ 1552,00	A
10	5	14	15	44	5 40:1	G 1/2" 12x18	3 0,25 kW	€ 1481,00	3 0,29 kW	€ 1552,00	A
10	76	25	15	175	3 10:1	G 1/2" 12x18	3 0,25 kW	€ 1493,00	3 0,29 kW	€ 1564,00	A
10	38	25	15	87	4 20:1	G 1/2" 12x18	3 0,25 kW	€ 1493,00	3 0,29 kW	€ 1564,00	A
10	19	25	15	44	5 40:1	G 1/2" 12x18	3 0,25 kW	€ 1493,00	3 0,29 kW	€ 1564,00	A
10	126	32	15	175	3 10:1	G 1/2" 12x18	3 0,25 kW	€ 1569,00	3 0,29 kW	€ 1637,00	A
10	63	32	15	87	4 20:1	G 1/2" 12x18	3 0,25 kW	€ 1569,00	3 0,29 kW	€ 1637,00	A
10	31	32	15	44	5 40:1	G 1/2" 12x18	3 0,25 kW	€ 1569,00	3 0,29 kW	€ 1637,00	A
10	195	40	15	175	3 10:1	G 3/4" 18 mm (i.d.)	3 0,37 kW	€ 1615,00	3 0,43 kW	€ 1686,00	B
10	97	40	15	87	4 20:1	G 3/4" 18 mm (i.d.)	3 0,37 kW	€ 1615,00	3 0,43 kW	€ 1686,00	B
10	48	40	15	44	5 40:1	G 3/4" 18 mm (i.d.)	3 0,37 kW	€ 1615,00	3 0,43 kW	€ 1686,00	B
10	300	50	15	175	3 10:1	G 3/4" 18 mm (i.d.)	3 0,37 kW	€ 1663,00	3 0,43 kW	€ 1730,00	B
10	150	50	15	87	4 20:1	G 3/4" 18 mm (i.d.)	3 0,37 kW	€ 1663,00	3 0,43 kW	€ 1730,00	B
10	75	50	15	44	5 40:1	G 3/4" 18 mm (i.d.)	3 0,37 kW	€ 1663,00	1 0,29 kW	€ 1730,00	B

# PRIUS accessories and spare parts

## INSTALLATION KIT A

1/2" foot filter with 13 mm (int. diam.) hose fitti  
 1/2" injection valve (or 3/4" if "TM" pump head)  
 Delivery hose (13X16 PVDF or 12x18 PVC)  
 Suction hose (13X16 PVDF or 12x18 PVC)



## INSTALLATION KIT B

code	model	materials	price
05907890	<b>05907890</b>	Delivery hose 18x22 PVDF (per meter)	€ 38,90
05909440	<b>05909440</b>	Suction hose 18x25 PE (per meter)	€ 6,67
11068421	<b>KIT B - G 1 1/2" X 18</b>	INSTALLATION KIT B - G1 1/2" x 18 (PP+EP). 1 1/2"foot filte - with 18 mm (int. diam.) hose fitting (G1 1/2" - 18 mm) - 1 1/ " injection valve.	€ 152,00
11091181	<b>KIT B - G 1 1/2" X 18</b>	INSTALLATION KIT B - G1 1/2" x 18 (PVDF+EP). 1 1/2"foot filte - with 18 mm (int. diam.) hose fitting (G1 1/2" - 18 mm) - 1 1/ " injection valve.	€ 232,00
11090701	<b>KIT B - G 1 1/2" X 18</b>	INSTALLATION KIT B - G1 1/2" x 18 (PP+FP). 1 1/2"foot filte - with 18 mm (int. diam.) hose fitting (G1 1/2" - 18 mm) - 1 1/ " injection valve.	€ 152,00
11091061	<b>KIT B - G 1 1/2" X 18</b>	INSTALLATION KIT B - G1 1/2" x 18 (PVDF+FP). 1 1/2"foot filte - with 18 mm (int. diam.) hose fitting (G1 1/2" - 18 mm) - 1 1/ " injection valve.	€ 232,00



## INSTALLATION KIT C

code	model	materials	price
05901580	<b>05901580</b>	Delivery hose 32x42 PVC (meshed) (per meter)	€ 31,60
05915120	<b>05915120</b>	Suction hose 32x40 PVC (spiral hose) (per meter)	€ 37,60
11090731	<b>KIT C - G 1 1/2" X 32</b>	INSTALLATION KIT C - G1 1/2" x 32 (PP+EP). 1 1/2"foot filte - with 32 mm (int. diam.) hose fitting (G1 1/2" - 32 mm) - 1 1/ " injection valve.	€ 152,00
11091201	<b>KIT C - G 1 1/2" X 32</b>	INSTALLATION KIT C - G1 1/2" x 32 (PVDF+EP). 1 1/2"foot filte - with 32 mm (int. diam.) hose fitting (G1 1/2" - 32 mm) - 1 1/ " injection valve.	€ 232,00
11068411	<b>KIT C - G 1 1/2" X 32</b>	INSTALLATION KIT C - G1 1/2" x 32 (PP+FP). 1 1/2"foot filte - with 32 mm (int. diam.) hose fitting (G1 1/2" - 32 mm) - 1 1/ " injection valve.	€ 152,00
11091191	<b>KIT C - G 1 1/2" X 32</b>	INSTALLATION KIT C - G1 1/2" x 32 (PVDF+FP). 1 1/2"foot filte - with 32 mm (int. diam.) hose fitting (G1 1/2" - 32 mm) - 1 1/ " injection valve.	€ 232,00



## SECURITY VALVE

code	model	materials	price
02300930	<b>SECURITY / PRES-SURE VALVE</b>	Security / Pressure Valve 0,5/10bar PVC/PTFE+EP d16 f	€ 363,00
02300990	<b>SECURITY / PRES-SURE VALVE</b>	Security / Pressure Valve 0,5/10b PVC/PTFE+EP 3/4" 9x12	€ 363,00
02301010	<b>SECURITY / PRES-SURE VALVE</b>	Security / Pressure Valve 0,5/10b PVC/PTFE+FP 3/4" d.18	€ 363,00
02301021	<b>SECURITY / PRES-SURE VALVE</b>	Security / Pressure Valve 0,5/10b PVC/PTFE+EP 3/4" d.18	€ 363,00
02301040	<b>SECURITY / PRES-SURE VALVE</b>	Security / Pressure Valve 0,5/10b PVC/PTFE+EP 1" d.32	€ 561,00
02301050	<b>SECURITY / PRES-SURE VALVE</b>	Security / Pressure Valve 0,5/10b PVC/PTFE+EP 1" d.32	€ 561,00





## FLOW SENSOR

model	materials	price
<b>SEFLMS/PRIUS 160/1000L</b>	Flow sensor for PRIUS MF	€ 324,00
<b>SEFLMS/PRIUS 160/1000L</b>	Flow sensor for PRIUS MF	€ 324,00



## PULSATION DAMPENERS

code	model	materials	price
10880311	<b>SOIM2,5/V - 3/4"X18</b>	Pulsation dampener - 3/4"x18	€ 294,00
10886791	<b>SOIM2,5/D - 3/4"X18</b>	Pulsation dampener - 3/4"x18	€ 294,00
10880321	<b>SOIM5/V - 1 1/4"X32</b>	Pulsation dampener - 1 1/4"x32	€ 427,00
10880911	<b>SOIM5/D - 1 1/4"X32</b>	Pulsation dampener - 1 1/4"x32	€ 427,00
10862591	<b>SOIM1/SS/V - R1/2"</b>	Pulsation dampener R1/2"	€ 717,00
10870551	<b>SOIM1/SS/D - R1/2"</b>	Pulsation dampener R1/2"	€ 717,00



## INJECTION LANCE

code	model	materials	price
07348741	<b>LINIR-V 3/4" 13x16</b>	Linir-v 3/4" injection lance with PVC ball valve	€ 490,00
07348321	<b>LINIR-V 3/4" 13x16</b>	Linir-v 3/4" injection lance	€ 392,00



## SUCTION LANCE - D13 FITTING<sup>1</sup>

model	materials	price 1 output / 2 outputs
<b>LASP M CM 75</b>	ORING EPDM or FKMB	€ 356,00 / € 485,00
<b>LASP M CM 108</b>	ORING EPDM or FKMB	€ 368,00 / € 498,00
<b>LASP M CM 122</b>	ORING EPDM or FKMB	€ 381,00 / € 509,00

## SUCTION LANCE - D18 FITTING<sup>1</sup>

model	materials	price 1 output / 2 outputs
<b>LASP M CM 75</b>	ORING EPDM or FKMB	€ 381,00 / € 528,00
<b>LASP M CM 108</b>	ORING EPDM or FKMB	€ 392,00 / € 538,00
<b>LASP M CM 122</b>	ORING EPDM or FKMB	€ 404,00 / € 554,00

## SUCTION LANCE - D32 FITTING<sup>1</sup>

model	materials	price 1 output
<b>LASP M CM 75</b>	ORING EPDM or FKMB	€ 431,00
<b>LASP M CM 108</b>	ORING EPDM or FKMB	€ 444,00
<b>LASP M CM 122</b>	ORING EPDM or FKMB	€ 455,00



## 2 OUTPUTS SUCTION LANCES

description	price
Extra 2 outputs laspm d.13	+ € 128,00
Extra 2 outputs laspm d.18	+ € 147,00

## LEVEL PROBE

code	model	materials	price
07600201	<b>07600201</b>	LEVEL PROBE (PP+FP) WITH BRACKET	€ 70,00
07600211	<b>07600211</b>	LEVEL PROBE (PP+EP) WITH BRACKET	€ 70,00



<sup>1</sup> Level probe sold separately.

## PRIUS PUMPS SPARE PARTS

### FOOT FILTERS

074.0727.1	1-1/2" D.18 (PP+FP+GL)	€ 78,00	074.0783.1	1-1/2" D.18 (PVDF+FP+GL)	€ 78,00
074.0728.1	1-1/2" D.18 (PP+EP+GL)	€ 78,00	074.0789.1	1-1/2" D.18 (PVDF+EP+GL)	€ 78,00
074.0729.1	1-1/2" D.32 (PP+FP+GL)	€ 78,00	074.0778.1	1-1/2" D.32 (PVDF+FP+GL)	€ 78,00
074.0730.1	1-1/2" D.32 (PP+EP+GL)	€ 78,00	074.0790.1	1-1/2" D.32 (PVDF+EP+GL)	€ 78,00
074.0766.1	1-1/2" D.13 (PP+FP+GL)	€ 78,00			
074.0765.1	1-1/2" D.13 (PP+EP+GL)	€ 78,00			

### INJECTION VALVES

073.1597.1	1-1/2" D.18 PP+FP+GL	€ 78,00	073.4742.1	1-1/2" D.18 PVDF+FP+GL	€ 97,00
073.1598.1	1-1/2" D.18 PP+EP+GL	€ 78,00	073.4778.1	1-1/2" D.18 PVDF+EP+GL	€ 97,00
073.1599.1	1-1/2" D.32 PP+FP+GL	€ 78,00	073.4779.1	1-1/2" D.32 PVDF+FP+GL	€ 97,00
073.1600.1	1-1/2" D.32 PP+EP+GL	€ 78,00	073.4780.1	1-1/2" D.32 PVDF+EP+GL	€ 97,00
073.4836.1	1-1/2" D.13 PP+EP+GL	€ 78,00			

### CABLES

063.6114.1	WATER METER INPUT CABLE (40x0,14/5POLES, 20 CM)	€ 33,30
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### VALVES

025.1583.1	SUCTION KIT PUMP HEAD MOD. NM 12X18/13X16 PVDF+FP+CE	€ 35,30
025.1584.1	SUCTION KIT PUMP HEAD MOD. NM 12X18/13X16 PVDF+EP+CE	€ 35,30
025.1585.1	SUCTION KIT PUMP HEAD MOD. NM 8X12 PVDF+FP+CE	€ 28,50
025.1586.1	SUCTION KIT PUMP HEAD MOD. NM 8X12 PVDF+EP+CE	€ 28,50
025.2108.1	SUCTION KIT PUMP HEAD MOD. NM 12X18/13X16 PVDF+FP+SS	€ 35,30
025.2575.1	SUCTION KIT PUMP HEAD MOD. NM 12X18/13X16 PVDF+EP+SS	€ 35,30
025.1587.1	SUCTION KIT PUMP HEAD MOD. TM 3/4"X13 PVDF+FP+CE	€ 44,50
025.1588.1	SUCTION KIT PUMP HEAD MOD. TM 3/4"X13 PVDF+EP+CE	€ 44,50
025.1589.1	SUCTION KIT PUMP HEAD MOD. TM 3/4"X18 PVDF+FP+CE	€ 48,20
025.1590.1	SUCTION KIT PUMP HEAD MOD. TM 3/4"X18 PVDF+EP+CE	€ 48,20
025.2579.1	SUCTION KIT PUMP HEAD MOD. TM 18X22 PVDF+EP+SS	€ 48,20
025.1592.1	DELIVERY KIT PUMP HEAD MOD. NM 1/2"X13 PVDF+FP+CE	€ 33,90
025.1593.1	DELIVERY KIT PUMP HEAD MOD. NM 1/2"X13 PVDF+EP+CE	€ 33,90
025.1594.1	DELIVERY KIT PUMP HEAD MOD. NM 1/2" 8X10 PVDF+FP+CE	€ 27,20
025.1595.1	DELIVERY KIT PUMP HEAD MOD. NM 1/2" 8X10 PVDF+EP+CE	€ 27,20
025.1596.1	DELIVERY KIT PUMP HEAD MOD. TM 3/4"X13 PVDF+FP+CE	€ 43,00
025.1597.1	DELIVERY KIT PUMP HEAD MOD. TM 3/4"X13 PVDF+EP+CE	€ 43,00
025.1598.1	DELIVERY KIT PUMP HEAD MOD. TM 3/4"X18 PVDF+FP+CE	€ 45,70
025.1599.1	DELIVERY KIT PUMP HEAD MOD. TM 3/4"X18 PVDF+EP+CE	€ 45,70
025.2578.1	DELIVERY KIT PUMP HEAD MOD. TM 18X22 PVDF+EP+SS	€ 45,30
025.1600.1	SELF VENTING KIT PUMP HEAD MOD. NM/TM (PVDF+FP+CE)	€ 9,27
025.1601.1	SELF VENTING KIT PUMP HEAD MOD. NM/TM (PVDF+EP+CE)	€ 9,27

### PUMP HEADS

020.1802.1	NM "PRIUSD" M.8X10-A.8X12 (PVDF+FP+CE)	€ 155,00
020.1803.1	NM "PRIUSD" M.8X10-A.8X12 (PVDF+EP+CE)	€ 155,00
020.1804.1	TM "PRIUSD" A/M 3/4"X13 (PVDF+FP+CE)	€ 235,00
020.1805.1	TM "PRIUSD" A/M 3/4"X13 (PVDF+EP+CE)	€ 235,00
020.1806.1	TM "PRIUSD" A/M 3/4"X18 (PVDF+FP+CE)	€ 235,00
020.1807.1	TM "PRIUSD" A/M 3/4"X18 (PVDF+EP+CE)	€ 235,00
020.1810.1	NM "PRIUSD" A/M 1/2"X13 (PVDF+FP+CE)	€ 168,00
020.1811.1	NM "PRIUSD" A/M 1/2"X13 (PVDF+EP+CE)	€ 168,00
020.1830.1	TM "PRIUSD" A/M 3/4"X18 (PP+FP+CE)	€ 235,00
020.1829.1	TM "PRIUSD" A/M 3/4"X18 (PP+EP+CE)	€ 235,00
020.1831.1	NM "PRIUSD" A/M 1/2"X13 (PP+EP+CE)	€ 168,00
020.1840.1	NM "PRIUSD" A/M 1/2"X13 (PP+FP+CE)	€ 168,00
020.1858.1	NM "PRIUSD" A/M R1/2" (SS+FP+SS)	€ 513,00
020.1861.1	NM "PRIUSD" A/M R1/2" (SS+EP+SS)	€ 513,00
020.1859.1	TM "PRIUSD" A/M R3/4" (SS+FP+SS)	€ 599,00
020.1862.1	TM "PRIUSD" A/M R3/4" (SS+EP+SS)	€ 599,00

020.2468.1	UMS "PRIUSD" A/M 1-1/2" X32 (PP+FP+GL) *	€ 286,00
020.2490.1	UMS "PRIUSD" A/M 1-1/2" X32 (PP+EP+PTFE) *	€ 286,00
020.2491.1	UMS "PRIUSD" A/M 1-1/2" X32 (PVDF+FP+GL) *	€ 286,00
020.2494.1	UMS "PRIUSD" A/M 1-1/2" X32 (PP+EP+GL) *	€ 286,00
020.2524.1	UMS "PRIUSD" A/M R1-1/2" 750/1000LT (SS+FP+SS) *	€ 1269,00
020.1860.1	UM "PRIUSD" A/M R1" (SS+FP+SS) *	€ 1269,00
020.1863.1	UM "PRIUSD" A/M R1" (SS+EP+SS) *	€ 1269,00
020.2013.1	UM "PRIUSD" A/M 1-1/2" X32 (PP+FP+GL) *	€ 286,00
020.2112.1	UM "PRIUSD" A/M 1-1/2" X32 (PP+EP+GL) *	€ 286,00
020.2136.1	UM "PRIUSD" A/M 1-1/2" X32 (PVDF+FP+GL) *	€ 286,00
020.2137.1	PRIUSP D.25 PP+FP+CE 1/2" 12X18	€ 321,00
020.2127.1	PRIUSP D.40 PP+FP+CE D.18	€ 431,00
020.2125.1	PRIUSP D.50 PP+FP+CE D.18	€ 419,00
020.2126.1	PRIUSP D.40 SS+FP+SS R3/4"	€ 842,00
020.2124.1	PRIUSP D.50 SS+FP+SS R3/4"	€ 834,00
020.2047.1	PRIUSP D.63 SS+FP+SS R1"	€ 822,00

\* UMS pump heads replaced UM pump heads in the PRIUS D from April-May 2020. If you purchased a PRIUS pump during this period, to order a spare pump head it will be necessary to specify the serial number of the pump to ensure compatibility with it.

## ORING

026.0013.0	OR 2-134 FKM B 47,29X2,62 pump head M	€ 6,14
026.0002.0	OR 2-134 EPDM 47,29X2,62 pump head M	€ 6,14
026.0220.0	OR 2-144 FKM B 63,17X2,62 pump head N	€ 6,49
026.0223.0	OR 2-144 EPDM 63,17X2,62 pump head N	€ 6,49
026.0117.0	OR 2-237 FKM B 85,32X3,53 pump head T	€ 13,70
026.0119.0	OR 2-237 EPDM 85,32X3,53 pump head T	€ 13,70
026.0419.0	OR 2-252 VITON V747-75 132,94X3,53 pump head UM (PVDF/PP) / UMS (PP/SS)	€ 19,00
026.0436.0	OR 2-252 EPDM E540-80 132,94X3,53 pump head UM (PVDF/PP) / UMS (PP/SS)	€ 24,90
026.0543.0	OR 2-251 VITON 129,77X3,53 VB185-70 pump head UMS (PVDF)	€ 27,40
026.0544.0	OR 2-251 E89380 129,77X3,53 pump head UMS (PVDF)	€ 32,80

## DIAPHRAGMS

018.0005.0	DIAPHRAGM FOR PUMP HEAD MOD. "NM" (PRIUS) / AMS AC / T AC	€ 58,00
018.0049.0	DIAPHRAGM FOR PUMP HEAD MOD. "TM" (PRIUS)	€ 93,00
018.0061.0	DIAPHRAGM FOR PUMP HEAD MOD. "UM/UMS" (PRIUS)	€ 161,00

## MOTORS

068.0020.0	3-PHASE 0,18KW 1350G	€ 235,00
068.0009.0	3-PHASE 0,37KW 230/400V 1400G	€ 260,00
068.0044.0	SINGLE-PHASE WITH HIGH STARTING TORQUE 0,37KW 1400G	€ 365,00
068.0048.0	SINGLE-PHASE 0,37KW 1400G 110V/60HZ + PTO	€ 411,00
068.0039.0	SINGLE-PHASE WITH HIGH STARTING TORQUE 0,55KW 1400G	€ 453,00

## HOSES

049.0432.0	12x18 PVC meshed suction- delivery - 5 m reel	€ 28,90
059.0158.0	32,4x42 PVC meshed	€ 31,60/m
059.1512.0	32x40 PVC spiral hose	€ 37,60/m
049.0507.0	18x25 PE - 5 m reel	€ 32,70
059.0789.0	18x22 PVDF	€ 38,90/m
059.0066.0	13x16 PVDF	€ 29,30/m

Ask to commercial dpt. for different hose length.

## PLUNGERS

012.0175.0	CERAMIC PLUNGER X PRIUS P D.14MM COMPLETE	€ 739,00
012.0176.0	CERAMIC PLUNGER X PRIUS P D.25MM COMPLETE	€ 277,00
012.0177.0	CERAMIC PLUNGER X PRIUS P D.32MM COMPLETE	€ 241,00
012.0178.0	CERAMIC PLUNGER X PRIUS P D.40MM COMPLETE	€ 241,00
012.0179.0	CERAMIC PLUNGER X PRIUS P D.50MM COMPLETE	€ 277,00



## NOTES

### POWER SUPPLY 12/24 V

All metering pumps flow rates are referred to 230 VAC (50-60Hz) and 115 VAC (50-60Hz) mains.

For other power supply (24 VDC/VAC and 12 VDC) ask A.T.A. staff.

### STANDARD KIT

Metering pumps are provided with:

- PVDF injection valve,
- PVDF foot/filter valve,
- PVDF level probe (except for CO models)
- 2 m delivery hose (PVDF, except for V, VA and VMS, VMSA series),
- 2 m suction hose (PVC flexible),
- 2 m outgassing hose (PVC 4x6).

Polymers pump series are provided WITHOUT injection valve, foot/filter valve and level probe.

Pumps with Stainless Steel pump head are provided WITHOUT accessory kit.

Self-venting pumps series have PE outgassing hose.

### EXTERNAL LEVEL ALARM (N.O. free contact)

MF and DC (except VMS MF) pump series are equipped with external level alarm. Optional for the others.

### CHEMICAL COMPATIBILITY

Refer to chemical Compatibility Table.

### CERAMIC BALLS

standard check ball valves for all pumps series are made of ceramic, except for high viscosity liquid pumps (PTFE check ball valves).

PTFE or AISI 316L check ball valves are available on demand.

### QUIET PUMP

V and K series (on some capacities) quiet pump availables.

### WORKING TEMPERATURE

-10°C - +45°C (14°F - 113°F)

### INPUT FOR WATER METER WITH HALL EFFECT

Available on MF series pumps input for water meter with Hall effect (on demand).

### ABBREVIATIONS

BS	BRASS
C276	Hastelloy C276
EP	Ethylene Propylene
FP	FKM B (Fluoroelastomer B)
POM	Acetal Copolymer
GL	Borosilicate
PP	Polypropylene
PTFE	Polytetrafluoroethylene
PVDF	Polyvinylidene Fluoride
SI	Silicone
SS	Stainless Steel
WAX	Nytrile
PMMA	Polymethyl Methacrylate

## GLOSSARY OF THE TERMS USED

DOSING SYSTEM	- Constant: regular pump feeding as configured by the user - Proportional: proportional feeding based on an input signal
LEVEL CONTROL	Tank low level stops the pump.
FLOW SENSOR INPUT	Flow sensor input SEFL (sensore di flusso) for dosing system control.
STAND-BY INPUT	pump enabling/disabling control
ALARM OUTPUT	Contact relay switched by pump's anomalies
STROKE SPEED (FREQ.) ADJUSTMENT	Injection frequency control
STROKE LENGTH ADJUSTMENT	Injection volume control
DIGITAL SIGNAL	Digital input (voltage free contact) for instrument or water meter connection
CURRENT SIGNAL (0/4MA=0 PULSES; 20MA=MAX PULSES)	mA analogic input for instrument or water meter connection
LEVEL ALARM OUTPUT	Contact relay switched by tank low level
CC/S	Max cc per stroke
CP	Standard pump head model (PVDF)
PMMA	Extra price for Polymethyl Methacrylate pump head (PMMA)
INOX	Extra price for Stainless Steel pump heads, without accessories and hoses (see "SS ACCESSORIES" table)
HOSE (suction/outgassing)	Extra price for PVDF suction and outgassing hoses
HOSE	Extra price for PVDF suction, delivery and outgassing hoses. A.T.A. recommends using PVDF hoses when dosing concentrated sodium hypochlorite.

## HOSES WORKING PRESSURE

Hose	Working pressure (bar)				Breaking pressure (bar)			
	20°C	30°C	40°C	50°C	20°C	30°C	40°C	50°C
4x6 mm PE 230	12	10.5	8.5	6.2	36	31.5	25.5	18.5
4x8 mm PE 230	19	15.7	12	7.5	57	47	36	22.5
6x8 mm PE 230	8.6	6.8	4.8	2.3	26	20.5	14.5	7
8x12 mm PE 230	12	10.5	8.5	6.2	36	31.5	25.5	18.5

Hose	Working pressure (bar)						
	20°C	30°C	40°C	50°C	60°C	80°C	90°C
4x6 mm PVDF (Flex 2800)	40	34	30	27	24.8	20	10
4x8 mm PVDF (Flex 2800)	29	25.5	22	20	18	14.5	7.3
6x8 mm PVDF (Flex 2800)	18	15.5	13.5	12.5	11.2	9	4.5
1/4 PE 230	17.6						
3/8 PE 230	10.6						
1/2 PE 230	10.6						

01	02	03	04	05	06	07	08
Stepper motor dosing pumps	Motor-driven dosing pumps	Solenoid-driven dosing pumps	Disinfection systems	Control instruments	Pulse emitting water meters	Probes	Accessories

## Series \AMS

### Solenoid-driven dosing pumps

Solenoid-driven dosing pumps with horizontal mounting, reliable and versatile. AMS pumps are designed to be suitable to a wide range of applications and sectors. The AMS series includes an MF version with multi-function soft-

ware, LPV versions for viscous liquids and P versions for very viscous liquids, and an AC compressed air version. Also available with a self-venting system.

#### PERFORMANCE

60  
l/h

25  
bar

#### POWER SUPPLY

230  
VAC

115  
VAC

COMPRESSED  
AIR

#### VENTING

MANUAL

SELF



## FEATURES

- Foot mounted
- IP65 protection
- Microprocessor technology
- Standard liquid ends in PVDF
- Available with head pump in: stainless steel, polypropylene, PMMA and polymers
- Double ball check valve (where available)
- Manual stroke length adjustment

## BASIC MODEL ACCESSORIES

- PVDF injection valve (0.3 bar)
- PVDF level probe
- PVDF foot filter
- PVDF delivery hose (2 mt)
- PVC (flexible) suction hose (2 mt)
- PVC (4x6) outgassing hose (2 mt)



## PUMP HEADS



PVDF



PP



AISI 316L



PMMA



LPV



P

## Series \AMS

### Basic models

#### AMS MF

Constant/proportional dosing system with multifunction

##### FEATURES

- › Digital display
- › Microprocessor technology
- › Constant
- › mA signal input
- › Volt signal input
- › Batch dosing
- › Work-pause mode
- › Water meter
- › External contact

##### FUNCTIONS

- › MULTIFUNCTION
  - › Constant
  - › Divide
  - › Multiply
  - › PPM
  - › Batch
  - › Volt
  - › mA
  - › %
  - › ml/q

##### INPUT

Level control  
Flow sensor  
Water meter or  
external signal  
Stand-by

##### OUTPUT

Alarm output

#### AMS PH

Proportional dosing system with pH regulation

##### FEATURES

- › Digital display
- › Microprocessor technology
- › pH meter
- › Acid or base dosing (verify the hydraulic components)

##### FUNCTIONS

- › pH reading/regulation (0-14pH).  
supplied without probe

##### INPUT

Level control  
Stand-by

##### OUTPUT

Alarm output

#### AMS RH

Proportional dosing system with ORP regulation

##### FEATURES

- › Digital display
- › Microprocessor technology
- › ORP meter
- › Oxidant or antioxidant dosing (verify the hydraulic components)

##### FUNCTIONS

- › ORP reading/regulation (0-2000mV).  
supplied without probe

##### INPUT

Level control  
Stand-by

##### OUTPUT

Alarm output

#### AMS PLUS

Constant/proportional dosing system with level control

##### FEATURES

- › Constant
- › mA signal input
- › Water meter

##### FUNCTIONS

- › Constant/constant with divider (1/10)
- › Input pulses multiplier/divider
- › mA signal current

##### INPUT

Level control  
Water meter or  
current signal

##### OUTPUT

Level alarm output

#### AMS CL PLUS

Constant dosing system with level control

##### FEATURES

- › Constant

##### FUNCTIONS

- › Constant/constant with divider (1/10)

##### INPUT

Level control

#### AMS CO PLUS

Constant dosing system without level control

##### FEATURES

- › Constant

##### FUNCTIONS

- › Constant/constant with divider (1/10)



**AMS AC CL**

Compressed air constant dosing system with level control

**FEATURES**

- › Constant
- › 230 VAC and compressed air power supply

**INPUT**

Level control

**AMS AC CO**

Compressed air constant dosing system without level control

**FEATURES**

- › Constant
- › 230 VAC and compressed air power supply

**A - Self venting**

- › Self venting pump head.
- › PVDF liquid ends (pump head, injection valve, foot filter, delivery hose).
- › **Accessories included:** basic model accessories.
- › **Optional accessories:** PP pump head and accessories (with PE hose).

**LPV - Low viscous liquids**

- › Pumps for liquids with a maximum viscosity of 8000 cPs.
- › PMMA pump head (with SS balls) and manual venting.
- › **Accessories included:** 3/4" injection valve, 16x22 PVC suction hose and 8x12 PE injection hose.
- › **Optional accessories:** stainless steel foot filter with valve

**P - Viscous liquids**

- › Pumps for liquids with a maximum viscosity of 50000 cPs.
- › PMMA pump head (with PTFE balls) and manual venting.
- › **Accessories included:** 16x22 (PVC) and 2027 (PVC) hose, priming kit (syringe and 30cm hose), without injection valve, foot filter and level probe.

**AC - Compressed air**

- › 230 VAC and compressed air power supply.
- › PVDF liquid ends (pump head, injection valve, foot filter, delivery hose).
- › **Accessories included:** basic model accessories.

- input and output shown in red are to be considered as optional.

## AMS MF

1   code	pump head		PVDF			PP			PMMA		SS		alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	FP	EP	
25	5	€ 869,00	K	P	Y	V	D	W	A	R	Z	£	
15	10	€ 869,00							€ 946,00	€ 946,00	€ 1159,00	€ 1159,00	
10	15	€ 869,00							€ 946,00	€ 946,00	€ 1203,00	€ 1203,00	
7	20	€ 906,00							€ 1014,00	€ 1014,00	€ 1280,00	€ 1280,00	
3	40	€ 948,00							€ 1094,00	€ 1094,00	€ 1360,00	€ 1360,00	
2	60	€ 982,00							€ 1128,00	€ 1128,00	€ 1439,00	€ 1439,00	

## AMS PH

1   code	pump head		PVDF			PP			PMMA		SS		alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	FP	EP	
25	5	€ 869,00	K	P	Y	V	D	W	A	R	Z	£	+€ 37,30
15	10	€ 869,00							€ 946,00	€ 946,00	€ 1203,00	€ 1203,00	+€ 37,30
10	15	€ 869,00							€ 946,00	€ 946,00	€ 1203,00	€ 1203,00	+€ 37,30
7	20	€ 906,00							€ 1014,00	€ 1014,00	€ 1280,00	€ 1280,00	+€ 37,30
3	40	€ 948,00							€ 1094,00	€ 1094,00	€ 1360,00	€ 1360,00	+€ 37,30
2	60	€ 982,00							€ 1128,00	€ 1128,00	€ 1439,00	€ 1439,00	+€ 37,30

## AMS RH

1   code	pump head		PVDF			PP			PMMA		SS		alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	FP	EP	
25	5	€ 869,00	K	P	Y	V	D	W	A	R	Z	£	+€ 37,30
15	10	€ 869,00							€ 946,00	€ 946,00	€ 1203,00	€ 1203,00	+€ 37,30
10	15	€ 869,00							€ 946,00	€ 946,00	€ 1203,00	€ 1203,00	+€ 37,30
7	20	€ 906,00							€ 1014,00	€ 1014,00	€ 1280,00	€ 1280,00	+€ 37,30
3	40	€ 948,00							€ 1094,00	€ 1094,00	€ 1360,00	€ 1360,00	+€ 37,30
2	60	€ 982,00							€ 1128,00	€ 1128,00	€ 1439,00	€ 1439,00	+€ 37,30

## AMS PLUS

1   code	pump head		PVDF			PP			PMMA		SS		level alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	FP	EP	
25	5	€ 698,00	K	P	Y	V	D	W	A	R	Z	£	+€ 37,30
15	10	€ 698,00							€ 770,00	€ 770,00	€ 984,00	€ 984,00	+€ 37,30
10	15	€ 698,00							€ 770,00	€ 770,00	€ 1029,00	€ 1029,00	+€ 37,30
7	20	€ 734,00							€ 841,00	€ 841,00	€ 1105,00	€ 1105,00	+€ 37,30
3	40	€ 770,00							€ 918,00	€ 918,00	€ 1187,00	€ 1187,00	+€ 37,30
2	60	€ 812,00							€ 958,00	€ 958,00	€ 1267,00	€ 1267,00	+€ 37,30

## AMSCL PLUS

1   code	pump head		PVDF			PP			PMMA		SS		
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	FP	EP	
25	5	€ 642,00	K	P	Y	V	D	W	A	R	Z	£	
15	10	€ 642,00							€ 718,00	€ 718,00	€ 932,00	€ 932,00	
10	15	€ 642,00							€ 718,00	€ 718,00	€ 976,00	€ 976,00	
7	20	€ 682,00							€ 786,00	€ 786,00	€ 1053,00	€ 1053,00	
3	40	€ 721,00							€ 866,00	€ 866,00	€ 1133,00	€ 1133,00	
2	60	€ 753,00							€ 899,00	€ 899,00	€ 1179,00	€ 1179,00	

## AMS CO PLUS

1   code	pump head		PVDF			PP			PMMA		SS		
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	FP	EP	
25	5	€ 606,00	K	P	Y	V	D	W	A	R	Z	£	
15	10	€ 606,00							€ 683,00	€ 683,00	€ 893,00	€ 893,00	
10	15	€ 606,00							€ 683,00	€ 683,00	€ 939,00	€ 939,00	
7	20	€ 642,00							€ 750,00	€ 750,00	€ 1013,00	€ 1013,00	
3	40	€ 682,00							€ 827,00	€ 827,00	€ 1094,00	€ 1094,00	
2	60	€ 721,00							€ 867,00	€ 867,00	€ 1180,00	€ 1180,00	

## SELF VENTING

### AMSA MF

1   code	pump head		PVDF			PP			alarm output
2   bar 3   l/h	4	oring l	FP	EP	W	FP	EP	W	
25	3,2	€ 869,00	K	P	Y	V	D	W	
15	6	€ 869,00							
10	10	€ 869,00							
7	13	€ 906,00							
3	30	€ 948,00							
2	38,5	€ 982,00							

### AMSA PH

1   code	pump head		PVDF			PP			alarm output
2   bar 3   l/h	4	oring l	FP	EP	W	FP	EP	W	
25	3,2	€ 869,00	K	P	Y	V	D	W	+€ 37,30
15	6	€ 869,00							+€ 37,30
10	10	€ 869,00							+€ 37,30
7	13	€ 906,00							+€ 37,30
3	30	€ 948,00							+€ 37,30
2	38,5	€ 982,00							+€ 37,30

### AMSA RH

1   code	pump head		PVDF			PP			alarm output
2   bar 3   l/h	4	oring l	FP	EP	W	FP	EP	W	
25	3,2	€ 869,00	K	P	Y	V	D	W	+€ 37,30
15	6	€ 869,00							+€ 37,30
10	10	€ 869,00							+€ 37,30
7	13	€ 906,00							+€ 37,30
3	30	€ 948,00							+€ 37,30
2	38,5	€ 982,00							+€ 37,30

### AMSA PLUS

1   code	pump head		PVDF			PP			level alarm output
2   bar 3   l/h	4	oring l	FP	EP	W	FP	EP	W	
25	3,2	€ 698,00	K	P	Y	V	D	W	+€ 37,30
15	6	€ 698,00							+€ 37,30
10	10	€ 698,00							+€ 37,30
7	13	€ 734,00							+€ 37,30
3	30	€ 770,00							+€ 37,30
2	38,5	€ 812,00							+€ 37,30

### AMSA CL PLUS

1   code	pump head		PVDF			PP		
2   bar 3   l/h	4	oring l	FP	EP	W	FP	EP	W
25	3,2	€ 642,00	K	P	Y	V	D	W
15	6	€ 642,00						
10	10	€ 642,00						
7	13	€ 682,00						
3	30	€ 721,00						
2	38,5	€ 753,00						

### AMSA CO PLUS

1   code	pump head		PVDF			PP		
2   bar 3   l/h	4	oring l	FP	EP	W	FP	EP	W
25	3,2	€ 606,00	K	P	Y	V	D	W
15	6	€ 606,00						
10	10	€ 606,00						
7	13	€ 642,00						
3	30	€ 682,00						
2	38,5	€ 721,00						

## LOW VISCIOUS LIQUIDS

The flow rates shown refer to a measurement with water and vary according to viscosity.

### AMS MF LPV

1   code	pump head   oring	PMMA	alarm output
<b>AMF</b>		FP	
2   bar 3   l/h	4	\$	
25 5	€ 946,00	■	■
15 10	€ 946,00	■	■
10 15	€ 946,00	■	■
7 20	€ 1014,00	■	■
3 40	€ 1094,00	■	■
2 60	€ 1128,00	■	■

### AMSPH LPV

1   code	pump head   oring	PMMA	alarm output
<b>APH</b>		FP	
2   bar 3   l/h	4	\$	
25 5	€ 946,00	■	+€ 37,30
15 10	€ 946,00	■	+€ 37,30
10 15	€ 946,00	■	+€ 37,30
7 20	€ 1014,00	■	+€ 37,30
3 40	€ 1094,00	■	+€ 37,30
2 60	€ 1128,00	■	+€ 37,30

### AMS RH LPV

1   code	pump head   oring	PMMA	alarm output
<b>ARH</b>		FP	
2   bar 3   l/h	4	\$	
25 5	€ 946,00	■	+€ 37,30
15 10	€ 946,00	■	+€ 37,30
10 15	€ 946,00	■	+€ 37,30
7 20	€ 1014,00	■	+€ 37,30
3 40	€ 1094,00	■	+€ 37,30
2 60	€ 1128,00	■	+€ 37,30

### AMS PLUS LPV

1   code	pump head   oring	PMMA	level alarm output
<b>AMU</b>		FP	
2   bar 3   l/h	4	\$	
25 5	€ 768,00	■	+€ 37,30
15 10	€ 768,00	■	+€ 37,30
10 15	€ 768,00	■	+€ 37,30
7 20	€ 841,00	■	+€ 37,30
3 40	€ 918,00	■	+€ 37,30
2 60	€ 958,00	■	+€ 37,30

### AMS CL PLUS LPV

1   code	pump head   oring	PMMA	
<b>ACP</b>		FP	
2   bar 3   l/h	4	\$	
25 5	€ 718,00	■	
15 10	€ 718,00	■	
10 15	€ 718,00	■	
7 20	€ 786,00	■	
3 40	€ 866,00	■	
2 60	€ 899,00	■	

### AMS CO PLUS LPV

1   code	pump head   oring	PMMA	
<b>AUO</b>		FP	
2   bar 3   l/h	4	\$	
25 5	€ 681,00	■	
15 10	€ 681,00	■	
10 15	€ 681,00	■	
7 20	€ 750,00	■	
3 40	€ 829,00	■	
2 60	€ 866,00	■	

## VISCOUS LIQUIDS

The flow rates shown refer to a measurement with water and vary according to viscosity.

### AMSP MF

1   code	pump head   oring	PMMA	alarm output
<b>AMF</b>		FP	
2   bar 3   l/h	4	B	
8 2	€ 1174,00	■	■
6 4	€ 1213,00	■	■
4 10	€ 1248,00	■	■
2 25	€ 1286,00	■	■
1 40	€ 1327,00	■	■

### AMSP PH

1   code	pump head   oring	PMMA	alarm output
<b>APH</b>		FP	
2   bar 3   l/h	4	B	
8 2	€ 1174,00	■	+€ 37,30
6 4	€ 1213,00	■	+€ 37,30
4 10	€ 1248,00	■	+€ 37,30
2 25	€ 1286,00	■	+€ 37,30
1 40	€ 1327,00	■	+€ 37,30

### AMSP RH

1   code	pump head   oring	PMMA	alarm output
<b>ARH</b>		FP	
2   bar 3   l/h	4	B	
8 2	€ 1174,00	■	+€ 37,30
6 4	€ 1213,00	■	+€ 37,30
4 10	€ 1248,00	■	+€ 37,30
2 25	€ 1286,00	■	+€ 37,30
1 40	€ 1327,00	■	+€ 37,30

### AMSP PLUS

1   code	pump head   oring	PMMA	level alarm output
<b>AMU</b>		FP	
2   bar 3   l/h	4	B	
8 2	€ 1007,00	■	+€ 37,30
6 4	€ 1042,00	■	+€ 37,30
4 10	€ 1080,00	■	+€ 37,30
2 25	€ 1115,00	■	+€ 37,30
1 40	€ 1152,00	■	+€ 37,30

### AMSP CO PLUS

1   code	pump head   oring	PMMA	
<b>AUO</b>		FP	
2   bar 3   l/h	4	B	
8 2	€ 918,00	■	■
6 4	€ 954,00	■	■
4 10	€ 991,00	■	■
2 25	€ 1028,00	■	■
1 40	€ 1067,00	■	■

## COMPRESSED AIR

AC metering pumps series work only with compressed air without lubricant and/or condensed water.  
Air supply pressure range must be from 6 bar to 10 bar.

### AMS AC MF

1   code	pump head   oring		PVDF			PP			alarm output
			FP	EP	W	FP	EP	W	
<b>AMC</b>									
2   bar 3   l/h	4		K	P	Y	V	D	W	
10 50		€ 1100,00	■	■	■	■	■	■	■
5 140		€ 1100,00	■	■	■	■	■	■	■
0 220		€ 1100,00	■	■	■	■	■	■	■

### AMS AC CL

1   code	pump head   oring		PVDF			PP		
			FP	EP	W	FP	EP	W
<b>ALA</b>								
2   bar 3   l/h	4		K	P	Y	V	D	W
10 50		€ 991,00	■	■	■	■	■	■
5 140		€ 991,00	■	■	■	■	■	■
0 220		€ 991,00	■	■	■	■	■	■

### AMS AC CO

1   code	pump head   oring		PVDF			PP		
			FP	EP	W	FP	EP	W
<b>AOA</b>								
2   bar 3   l/h	4		K	P	Y	V	D	W
10 50		€ 954,00	■	■	■	■	■	■
5 140		€ 954,00	■	■	■	■	■	■
0 220		€ 954,00	■	■	■	■	■	■

## Series K

### Solenoid-driven dosing pumps

Solenoid-driven dosing pumps with horizontal mounting, inexpensive and extremely reliable. K pumps are designed for universal use in multiple application sectors.

The K series includes an MF version with multi-function software and an LPV version for viscous liquids. Also available with self venting.

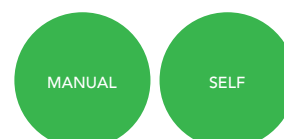
#### PERFORMANCE



#### POWER SUPPLY



#### VENTING



## FEATURES

- Foot mounted
- IP65 protection
- Microprocessor technology
- Standard liquid ends in PVDF
- Available with head pump in: stainless steel, polypropylene and PMMA
- Double ball check valve (where available)
- Manual stroke length adjustment

## BASIC MODEL ACCESSORIES

- PVDF injection valve (0.3 bar)
- PVDF level probe
- PVDF foot filter
- PVDF delivery hose (2 mt)
- PVC (flexible) suction hose (2 mt)
- PVC (4x6) outgassing hose (2 mt)



## PUMP HEADS



PVDF



PP



AISI316



PMMA



LPV

## Series KMS

### Basic models

#### KMS DC

Constant dosing with alarm output

##### FEATURES

- › Digital display
- › Microprocessor technology
- › Constant dosing

##### FUNCTIONS

- › Constant (lph – sph – spm)

##### INPUT

Level control  
Stand-by

##### OUTPUT

Alarm output

#### KMS MF

Constant/proportional dosing system with multifunction

##### FEATURES

- › Digital display
- › Microprocessor technology
- › Constant dosing
- › mA signal input
- › Volt signal input
- › Batch dosing
- › Work-pause mode
- › Water meter
- › External contact

##### FUNCTIONS

- › MULTIFUNCTION
  - › Constant
  - › PPM
  - › mA
  - › Divide
  - › Batch
  - › %
  - › Multiply
  - › Volt
  - › ml/q

##### INPUT

Level control  
Flow sensor  
Water meter  
Stand-by

##### OUTPUT

Alarm output

#### KMS CL

Proportional dosing with free chlorine regulation

##### FEATURES

- › Digital display
- › Microprocessor technology
- › Chlorine reading and dosing

##### FUNCTIONS

- › Free chlorine  $\text{Cl}_2$  (0-20,00 mg/l or 0-2,00 mg/l) reading/regulation
- › Chlorine probe ECL6/7/12 (supplied without probe)

##### INPUT

Level control

#### KMS EN

Timered dosing with weekly timer

##### FEATURES

- › Digital display
- › Microprocessor technology
- › Timered dosing

##### FUNCTIONS

- › Weekly timer
- › Electrovalve control

##### INPUT

Level control

#### KMS PH

Proportional dosing system with pH regulation

##### FEATURES

- › Digital display
- › Microprocessor technology
- › pH meter
- › Acid or base dosing (verify the hydraulic components)

##### FUNCTIONS

- › pH reading/regulation (0-14pH). supplied without probe

##### INPUT

Level control  
Stand-by

##### OUTPUT

Alarm output

#### KMS RH

Proportional dosing system with ORP regulation

##### FEATURES

- › Digital display
- › Microprocessor technology
- › ORP meter
- › Oxidant or antioxidant dosing (verify the hydraulic components)

##### FUNCTIONS

- › ORP reading/regulation (0-2000mV). supplied without probe

##### INPUT

Level control  
Stand-by

##### OUTPUT

Alarm output



**K PLUS**

Constant/proportional dosing system with level control

**FEATURES**

- › Constant dosing
- › mA signal input
- › Water meter

**FUNCTIONS**

- › Constant/constant with divider (1/10)
- › Input pulses multiplier/divider
- › mA signal current

**INPUT**

Level control  
Digital signal  
Current signal

**OUTPUT**

Level alarm output

**K CL PLUS**

Constant dosing system with level control

**FEATURES**

- › Constant dosing

**FUNCTIONS**

- › Constant/constant with divider (1/10)

**INPUT**

Level control

**K CO PLUS**

Constant dosing system without level control

**FEATURES**

- › Constant dosing

**FUNCTIONS**

- › Constant/constant with divider (1/10)

**A - Self venting**

- › Self venting pump head.
- › PVDF liquid ends (pump head, injection valve, foot filter, delivery hose).
- › **Accessories included:** basic model accessories.
- › **Optional accessories:** PP pump head and accessories (with PE hose).

**LPV - Low viscous liquids**

- › Pumps for liquids with a maximum viscosity of 8000 cPs.
- › PMMA pump head (with SS balls) and manual venting.
- › **Accessories included:** 3/4" injection valve, 16x22 PVC suction hose and 8x12 PE injection hose.
- › **Optional accessories:** stainless steel foot filter with valve

- input and output shown in red are to be considered as optional.

1 l code		pump head l oring l	PVDF			PP			PMMA		SS		alarm output
KDC			FP	EP	W	FP	EP	W	FP	EP	FP	EP	
2 l bar	3 l l/h	4 l	K	P	Y	V	D	W	A	R	Z	£	
20	1	€ 550,00	■	■	■	■	■	■	€ 624,00	€ 624,00	€ 839,00	€ 839,00	■
18	2	€ 550,00	■	■	■	■	■	■	€ 624,00	€ 624,00	€ 839,00	€ 839,00	■
15	4	€ 550,00	■	■	■	■	■	■	€ 624,00	€ 624,00	€ 839,00	€ 839,00	■
10	5	€ 550,00	■	■	■	■	■	■	€ 624,00	€ 624,00	€ 839,00	€ 839,00	■
8	8	€ 550,00	■	■	■	■	■	■	€ 624,00	€ 624,00	€ 839,00	€ 839,00	■
5	1	€ 550,00	■	■	■	■	■	■	€ 624,00	€ 624,00	€ 839,00	€ 839,00	■
5	10	€ 550,00	■	■	■	■	■	■	€ 624,00	€ 624,00	€ 839,00	€ 839,00	■
2	18	€ 550,00	■	■	■	■	■	■	€ 653,00	€ 653,00	€ 882,00	€ 882,00	■

1   code		pump head	PVDF			PP			PMMA		SS		alarm output
KMF		oring	FP	EP	W	FP	EP	W	FP	EP	FP	EP	
2   bar	3   l/h	4	K	P	Y	V	D	W	A	R	Z	£	
20	1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	■
18	2	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	■
15	4	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	■
10	5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	■
8	8	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	■
5	1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	■
5	10	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	■
2	18	€ 624,00	■	■	■	■	■	■	€ 729,00	€ 729,00	€ 958,00	€ 958,00	■

1 l code	pump head l	PVDF			PP			PMMA		SS	
<b>KML</b>	oring l	FP	EP	W	FP	EP	W	FP	EP	FP	EP
2 l bar 3 l l/h	4 l	K	P	Y	V	D	W	A	R	Z	£
20 1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00
18 2	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00
15 4	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00
10 5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00
8 8	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00
5 1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00
5 10	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00
2 18	€ 624,00	■	■	■	■	■	■	€ 729,00	€ 729,00	€ 958,00	€ 958,00

1 l code	pump head l	PVDF			PP			PMMA		SS		alarm output
<b>KEN</b>	oring l	FP	EP	W	FP	EP	W	FP	EP	FP	EP	
2 l bar 3 l l/h	4 l	K	P	Y	V	D	W	A	R	Z	£	
20 1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
18 2	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
15 4	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
10 5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
8 8	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
5 1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
5 10	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
2 18	€ 624,00	■	■	■	■	■	■	€ 729,00	€ 729,00	€ 958,00	€ 958,00	+€ 37,30

1 l code	pump head l	PVDF			PP			PMMA		SS		alarm output
KPH	oring l	FP	EP	W	FP	EP	W	FP	EP	FP	EP	
2 l bar 3 l l/h	4 l	K	P	Y	V	D	W	A	R	Z	£	
20 1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
18 2	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
15 4	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
10 5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
8 8	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
5 1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
5 10	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
2 18	€ 624,00	■	■	■	■	■	■	€ 729,00	€ 729,00	€ 958,00	€ 958,00	+€ 37,30

## KMS RH

1   code	pump head   oring		PVDF			PP			PMMA		SS		
2   bar 3   l/h	4		FP K	EP P	W Y	FP V	EP D	W W	FP A	EP R	FP Z	EP £	alarm output
20	1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
18	2	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
15	4	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
10	5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
8	8	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
5	1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
5	10	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	€ 914,00	€ 914,00	+€ 37,30
2	18	€ 624,00	■	■	■	■	■	■	€ 729,00	€ 729,00	€ 958,00	€ 958,00	+€ 37,30

## K PLUS

1   code	pump head   oring		PVDF			PP			PMMA		SS		
2   bar 3   l/h	4		FP K	EP P	W Y	FP V	EP D	W W	FP A	EP R	FP Z	EP £	level alarm output
20	1	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	€ 732,00	€ 732,00	+€ 37,30
18	2	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	€ 732,00	€ 732,00	+€ 37,30
15	4	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	€ 732,00	€ 732,00	+€ 37,30
10	5	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	€ 732,00	€ 732,00	+€ 37,30
8	8	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	€ 732,00	€ 732,00	+€ 37,30
5	1	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	€ 732,00	€ 732,00	+€ 37,30
5	10	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	€ 732,00	€ 732,00	+€ 37,30
2	18	€ 444,00	■	■	■	■	■	■	€ 545,00	€ 545,00	€ 775,00	€ 775,00	+€ 37,30

## K CO PLUS

1   code	pump head   oring		PVDF			PP			PMMA		SS		
2   bar 3   l/h	4		FP K	EP P	W Y	FP V	EP D	W W	FP A	EP R	FP Z	EP £	
20	1	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00	€ 654,00	€ 654,00	
18	2	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00	€ 654,00	€ 654,00	
15	4	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00	€ 654,00	€ 654,00	
10	5	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00	€ 654,00	€ 654,00	
8	8	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00	€ 654,00	€ 654,00	
5	1	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00	€ 654,00	€ 654,00	
5	10	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00	€ 654,00	€ 654,00	
2	18	€ 366,00	■	■	■	■	■	■	€ 472,00	€ 472,00	€ 701,00	€ 701,00	

## K CL PLUS

1   code	pump head   oring		PVDF			PP			PMMA		SS		
2   bar 3   l/h	4		FP K	EP P	W Y	FP V	EP D	W W	FP A	EP R	FP Z	EP £	
20	1	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00	€ 692,00	€ 692,00	
18	2	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00	€ 692,00	€ 692,00	
15	4	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00	€ 692,00	€ 692,00	
10	5	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00	€ 692,00	€ 692,00	
8	8	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00	€ 692,00	€ 692,00	
5	1	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00	€ 692,00	€ 692,00	
5	10	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00	€ 692,00	€ 692,00	
2	18	€ 403,00	■	■	■	■	■	■	€ 507,00	€ 507,00	€ 736,00	€ 736,00	

## SELF VENTING

### KMSA DC

1   code	pump head		PVDF			PP			PMMA		alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	
<b>KAD</b>			K	P	Y	V	D	W	A	R	
18 1	€ 550,00		■	■	■	■	■	■	€ 624,00	€ 624,00	■
15 3	€ 550,00		■	■	■	■	■	■	€ 624,00	€ 624,00	■
10 ,5	€ 550,00		■	■	■	■	■	■	€ 624,00	€ 624,00	■
10 3,5	€ 550,00		■	■	■	■	■	■	€ 624,00	€ 624,00	■
8 5,5	€ 550,00		■	■	■	■	■	■	€ 624,00	€ 624,00	■
5 7,5	€ 550,00		■	■	■	■	■	■	€ 624,00	€ 624,00	■
2 13	€ 550,00		■	■	■	■	■	■	€ 653,00	€ 653,00	■

### KMSA MF

1   code	pump head		PVDF			PP			PMMA		alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	
<b>KAF</b>			K	P	Y	V	D	W	A	R	
18 1	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	■
15 3	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	■
10 ,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	■
10 3,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	■
8 5,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	■
5 7,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	■
2 13	€ 624,00		■	■	■	■	■	■	€ 729,00	€ 729,00	■

### KMSA CL

1   code	pump head		PVDF			PP			PMMA	
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP
<b>KLA</b>			K	P	Y	V	D	W	A	R
18 1	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00
15 3	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00
10 ,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00
10 3,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00
8 5,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00
5 7,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00
2 13	€ 624,00		■	■	■	■	■	■	€ 729,00	€ 729,00

### KMSA EN

1   code	pump head		PVDF			PP			PMMA		alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	
<b>KAN</b>			K	P	Y	V	D	W	A	R	
18 1	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
15 3	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
10 ,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
10 3,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
8 5,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
5 7,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
2 13	€ 624,00		■	■	■	■	■	■	€ 729,00	€ 729,00	+€ 37,30

### KMSA PH

1   code	pump head		PVDF			PP			PMMA		level alarm output
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	
<b>KMH</b>			K	P	Y	V	D	W	A	R	
18 1	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
15 3	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
10 ,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
10 3,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
8 5,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
5 7,5	€ 624,00		■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
2 13	€ 624,00		■	■	■	■	■	■	€ 729,00	€ 729,00	+€ 37,30

## KMSA RH

1   code	pump head	PVDF			PP			PMMA		level alarm output
2   bar 3   l/h	4	FP	EP	W	FP	EP	W	FP	EP	
<b>KAR</b>		K	P	Y	V	D	W	A	R	
18 1	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
15 3	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
10 ,5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
10 3,5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
8 5,5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
5 7,5	€ 624,00	■	■	■	■	■	■	€ 701,00	€ 701,00	+€ 37,30
2 13	€ 624,00	■	■	■	■	■	■	€ 729,00	€ 729,00	+€ 37,30

## KA PLUS

1   code	pump head	PVDF			PP			PMMA		level alarm output
2   bar 3   l/h	4	FP	EP	W	FP	EP	W	FP	EP	
<b>KAU</b>		K	P	Y	V	D	W	A	R	
18 1	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	+€ 37,30
15 3	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	+€ 37,30
10 ,5	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	+€ 37,30
10 3,5	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	+€ 37,30
8 5,5	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	+€ 37,30
5 7,5	€ 444,00	■	■	■	■	■	■	€ 517,00	€ 517,00	+€ 37,30
2 13	€ 444,00	■	■	■	■	■	■	€ 545,00	€ 545,00	+€ 37,30

## KA CO PLUS

1   code	pump head	PVDF			PP			PMMA	
2   bar 3   l/h	4	FP	EP	W	FP	EP	W	FP	EP
<b>KPA</b>		K	P	Y	V	D	W	A	R
18 1	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00
15 3	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00
10 ,5	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00
10 3,5	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00
8 5,5	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00
5 7,5	€ 366,00	■	■	■	■	■	■	€ 444,00	€ 444,00
2 13	€ 366,00	■	■	■	■	■	■	€ 472,00	€ 472,00

## KA CL PLUS

1   code	pump head	PVDF			PP			PMMA	
2   bar 3   l/h	4	FP	EP	W	FP	EP	W	FP	EP
<b>KUA</b>		K	P	Y	V	D	W	A	R
18 1	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00
15 3	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00
10 ,5	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00
10 3,5	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00
8 5,5	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00
5 7,5	€ 403,00	■	■	■	■	■	■	€ 479,00	€ 479,00
2 13	€ 403,00	■	■	■	■	■	■	€ 507,00	€ 507,00

## LOW VISCOUS LIQUIDS

The flow rates shown refer to a measurement with water and vary according to viscosity.

### KMS DC LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KDC</b>				
18	2	€ 624,00	■	■
15	4	€ 624,00	■	■
10	5	€ 624,00	■	■
8	8	€ 624,00	■	■
5	10	€ 624,00	■	■
2	18	€ 653,00	■	■

### KMS MF LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KMF</b>				
18	2	€ 701,00	■	■
15	4	€ 701,00	■	■
10	5	€ 701,00	■	■
8	8	€ 701,00	■	■
5	10	€ 701,00	■	■
2	18	€ 729,00	■	■

### KMS CL LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KML</b>				
18	2	€ 701,00	■	■
15	4	€ 701,00	■	■
10	5	€ 701,00	■	■
8	8	€ 701,00	■	■
5	10	€ 701,00	■	■
2	18	€ 729,00	■	■

### KMS EN LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KEN</b>				
18	2	€ 701,00	■	+€ 37,30
15	4	€ 701,00	■	+€ 37,30
10	5	€ 701,00	■	+€ 37,30
8	8	€ 701,00	■	+€ 37,30
5	10	€ 701,00	■	+€ 37,30
2	18	€ 729,00	■	+€ 37,30

### KMS RH LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KRH</b>				
18	2	€ 701,00	■	+€ 37,30
15	4	€ 701,00	■	+€ 37,30
10	5	€ 701,00	■	+€ 37,30
8	8	€ 701,00	■	+€ 37,30
5	10	€ 701,00	■	+€ 37,30
2	18	€ 729,00	■	+€ 37,30

### KMS PH LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KPH</b>				
18	2	€ 701,00	■	+€ 37,30
15	4	€ 701,00	■	+€ 37,30
10	5	€ 701,00	■	+€ 37,30
8	8	€ 701,00	■	+€ 37,30
5	10	€ 701,00	■	+€ 37,30
2	18	€ 729,00	■	+€ 37,30

### K CO PLUS LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KPO</b>				
18	2	€ 444,00	■	
15	4	€ 444,00	■	
10	5	€ 444,00	■	
8	8	€ 444,00	■	
5	10	€ 444,00	■	
2	18	€ 472,00	■	

### K CL PLUS LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KPL</b>				
18	2	€ 479,00	■	
15	4	€ 479,00	■	
10	5	€ 479,00	■	
8	8	€ 479,00	■	
5	10	€ 479,00	■	
2	18	€ 507,00	■	

### K PLUS LPV

1   code	pump head   oring		PMMA	
	2   bar	3   l/h	4	level alarm output
<b>KMU</b>				
18	2	€ 514,00	■	+€ 37,30
15	4	€ 514,00	■	+€ 37,30
10	5	€ 514,00	■	+€ 37,30
8	8	€ 514,00	■	+€ 37,30
5	10	€ 514,00	■	+€ 37,30
2	18	€ 545,00	■	+€ 37,30



## Series \T

### Solenoid-driven dosing pumps

Solenoid-driven dosing pumps with vertical mounting, powerful and versatile. T pumps are designed to reach a maximum flow rate of up to 100 l/h.

The T series includes an MF version with multi-function software,

LPV versions for viscous liquids and P versions for very viscous liquids, and an AC version for compressed air. Also available with a self venting system.

#### PERFORMANCE

100  
l/h

20  
bar

#### POWER SUPPLY

230  
VAC

115  
VAC

COMPRESSED  
AIR

#### VENTING

MANUAL

SELF





## FEATURES

- Wall mounted
- IP65 protection
- Microprocessor technology
- Double ball check valve (where available)
- Standard liquid ends in PVDF

## BASIC MODEL ACCESSORIES

- PVDF injection valve (0.3 bar)
- PVDF level probe
- PVDF foot filter
- PVDF delivery hose (2 mt)
- PVC (flexible) suction hose (2 mt)
- PVC (4x6) outgassing hose (2 mt)



## PUMP HEADS



PVDF



PP



PMMA



P

## Series T

### Basic models

#### TMS DC

Constant dosing with alarm output

##### FEATURES

- › Digital display
- › Microprocessor technology
- › Constant dosing

##### FUNCTIONS

- › Constante (lph, sph, spm)

##### INPUT

Level control  
Stand-by

##### OUTPUT

Alarm output

#### TMS MF

Constant/proportional dosing system with multifunction

##### FEATURES

- › Digital display
- › Microprocessor technology
- › Constant dosing
- › mA signal input
- › Volt signal input
- › Batch dosing
- › Work-pause mode
- › Water meter
- › External contact

##### FUNCTIONS

- › MULTIFUNCTION
  - › Constant
  - › Divide
  - › Multiply
  - › PPM
  - › Batch
  - › Volt
  - › mA
  - › %
  - › ml/q

##### INPUT

Level control  
Flow sensor  
Water meter  
Stand-by

##### OUTPUT

Alarm output

#### TMS PH

Proportional dosing system with pH regulation

##### FEATURES

- › Digital display
- › Microprocessor technology
- › pH meter
- › Acid or base dosing (verify the hydraulic components)

##### FUNCTIONS

- › pH reading/regulation (0-14pH).  
supplied without probe

##### INPUT

Level control  
Stand-by

##### OUTPUT

Alarm output

#### TMS RH

Proportional dosing system with ORP regulation

##### FEATURES

- › Digital display
- › Microprocessor technology
- › ORP meter
- › Oxidant or antioxidant dosing (verify the hydraulic components)

##### FUNCTIONS

- › ORP reading/regulation (0-2000mV).  
supplied without probe

##### INPUT

Level control  
Stand-by

##### OUTPUT

Alarm output

#### T CL

Constant dosing system with level control

##### FEATURES

- › Constant dosing

##### FUNCTIONS

- › Constant/constant with divider (1/10)

##### INPUT

Level control

#### T CO

Constant dosing system without level control

##### FEATURES

- › Constant dosing

##### FUNCTIONS

- › Constant/constant with divider (1/10)

## A - Self venting

- › Self venting pump head.
- › PVDF liquid ends (pump head, injection valve, foot filter, delivery hose).
- › **Accessories included:** basic model accessories.
- › **Optional accessories:** PP pump head and accessories (with PE hose).

## P - Viscous liquids

- › Pumps for liquids with a maximum viscosity of 50000 cPs.
- › PMMA pump head (with PTFE balls) and manual venting.
- › **Accessories included:** 16x22 (PVC) and 20x27 (PVC) hose, priming kit (syringe and 30cm hose), without injection valve, foot filter and level probe.

## AC - Compressed air

- › 230 VAC and compressed air power supply.
- › PVDF liquid ends (pump head, injection valve, foot filter, delivery hose).
- › **Accessories included:** basic model accessories.

- input and output shown in red are to be considered as optional.

## TMS MF

1   code	pump head		PVDF			PP			PMMA		
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	alarm output
20 5	€ 575,00		K	P	Y	V	D	W	A	R	
5 15	€ 601,00								€ 648,00	€ 648,00	
4 20	€ 601,00								€ 710,00	€ 710,00	
3 30	€ 723,00								€ 710,00	€ 710,00	
1 50	€ 723,00								€ 869,00	€ 869,00	
0 100	€ 723,00								€ 869,00	€ 869,00	

## TMS DC

1   code	pump head		PVDF			PP			PMMA		
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	alarm output
20 5	€ 529,00		K	P	Y	V	D	W	A	R	
5 15	€ 561,00								€ 605,00	€ 605,00	
4 20	€ 561,00								€ 667,00	€ 667,00	
3 30	€ 682,00								€ 667,00	€ 667,00	
1 50	€ 682,00								€ 827,00	€ 827,00	
0 100	€ 682,00								€ 827,00	€ 827,00	

## TMS PH

1   code	pump head		PVDF			PP			PMMA		
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	alarm output
20 5	€ 682,00		K	P	Y	V	D	W	A	R	
5 15	€ 713,00								€ 754,00	€ 754,00	+ € 37,30
4 20	€ 713,00								€ 821,00	€ 821,00	+ € 37,30
3 30	€ 835,00								€ 821,00	€ 821,00	+ € 37,30
1 50	€ 835,00								€ 980,00	€ 980,00	+ € 37,30
0 100	€ 835,00								€ 980,00	€ 980,00	+ € 37,30

## TMS RH

1   code	pump head		PVDF			PP			PMMA		
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	alarm output
20 5	€ 682,00		K	P	Y	V	D	W	A	R	
5 15	€ 713,00								€ 754,00	€ 754,00	+ € 37,30
4 20	€ 713,00								€ 821,00	€ 821,00	+ € 37,30
3 30	€ 835,00								€ 821,00	€ 821,00	+ € 37,30
1 50	€ 835,00								€ 980,00	€ 980,00	+ € 37,30
0 100	€ 835,00								€ 980,00	€ 980,00	+ € 37,30

## T CO

1   code	pump head		PVDF			PP			PMMA		
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	
20 5	€ 422,00		K	P	Y	V	D	W	A	R	
5 15	€ 456,00								€ 498,00	€ 498,00	
4 20	€ 456,00								€ 565,00	€ 565,00	
3 30	€ 578,00								€ 565,00	€ 565,00	
1 50	€ 578,00								€ 723,00	€ 723,00	
0 100	€ 578,00								€ 723,00	€ 723,00	

## T CL

1   code	pump head		PVDF			PP			PMMA		
2   bar 3   l/h	4		FP	EP	W	FP	EP	W	FP	EP	
20 5	€ 500,00		K	P	Y	V	D	W	A	R	
5 15	€ 529,00								€ 575,00	€ 575,00	
4 20	€ 529,00								€ 637,00	€ 637,00	
3 30	€ 649,00								€ 637,00	€ 637,00	
1 50	€ 649,00								€ 797,00	€ 797,00	
0 100	€ 649,00								€ 797,00	€ 797,00	

## SELF VENTING

## TMSA DC

1   code	pump head   oring		PVDF			PP			alarm output
TAD			FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		K	P	Y	V	D	W	
20	3,2	€ 529,00	■	■	■	■	■	■	■
5	10	€ 561,00	■	■	■	■	■	■	■
4	13	€ 561,00	■	■	■	■	■	■	■
3	20	€ 682,00	■	■	■	■	■	■	■
1	35	€ 682,00	■	■	■	■	■	■	■

## TMSA MF

1   code	pump head   oring		PVDF			PP			alarm output
TFF			FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		K	P	Y	V	D	W	
20	3,2	€ 575,00	■	■	■	■	■	■	■
5	10	€ 601,00	■	■	■	■	■	■	■
4	13	€ 601,00	■	■	■	■	■	■	■
3	20	€ 723,00	■	■	■	■	■	■	■
1	35	€ 723,00	■	■	■	■	■	■	■

## TMSA PH

1   code	pump head   oring		PVDF			PP			alarm output
TAH			FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		K	P	Y	V	D	W	
20	3,2	€ 682,00	■	■	■	■	■	■	+ € 37,30
5	10	€ 713,00	■	■	■	■	■	■	+ € 37,30
4	13	€ 713,00	■	■	■	■	■	■	+ € 37,30
3	20	€ 835,00	■	■	■	■	■	■	+ € 37,30
1	35	€ 835,00	■	■	■	■	■	■	+ € 37,30

## TMSA RH

1   code	pump head   oring		PVDF			PP			alarm output
TAR			FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		K	P	Y	V	D	W	
20	3,2	€ 682,00	■	■	■	■	■	■	+ € 37,30
5	10	€ 713,00	■	■	■	■	■	■	+ € 37,30
4	13	€ 713,00	■	■	■	■	■	■	+ € 37,30
3	20	€ 835,00	■	■	■	■	■	■	+ € 37,30
1	35	€ 835,00	■	■	■	■	■	■	+ € 37,30

## TA CO

1   code	pump head   oring		PVDF			PP			alarm output
TOA			FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		K	P	Y	V	D	W	
20	3,2	€ 422,00	■	■	■	■	■	■	
5	10	€ 456,00	■	■	■	■	■	■	
4	13	€ 456,00	■	■	■	■	■	■	
3	20	€ 578,00	■	■	■	■	■	■	
1	35	€ 578,00	■	■	■	■	■	■	

## TA CL

1   code	pump head   oring		PVDF			PP			alarm output
TCA			FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		K	P	Y	V	D	W	
20	3,2	€ 500,00	■	■	■	■	■	■	
5	10	€ 529,00	■	■	■	■	■	■	
4	13	€ 529,00	■	■	■	■	■	■	
3	20	€ 649,00	■	■	■	■	■	■	
1	35	€ 649,00	■	■	■	■	■	■	

## VISCOUS LIQUIDS

The flow rates shown refer to a measurement with water and vary according to viscosity.

### TMSP DC

1   code	pump head		POLYMERS	
	2   bar	3   l/h	FP	level alarm output
<b>TDC</b>			B	
6	1	€ 839,00	■	■
4	3	€ 882,00	■	■
2	8	€ 910,00	■	■
1	20	€ 1028,00	■	■
0	25	€ 1028,00	■	■

### TMSP MF

1   code	pump head		POLYMERS	
	2   bar	3   l/h	FP	level alarm output
<b>TMF</b>			B	
6	1	€ 880,00	■	■
4	3	€ 923,00	■	■
2	8	€ 952,00	■	■
1	20	€ 1072,00	■	■
0	25	€ 1072,00	■	■

### TMSP PH

1   code	pump head		POLYMERS	
	2   bar	3   l/h	FP	level alarm output
<b>TPH</b>			B	
6	1	€ 984,00	■	+ € 37,30
4	3	€ 1028,00	■	+ € 37,30
2	8	€ 1060,00	■	+ € 37,30
1	20	€ 1175,00	■	+ € 37,30
0	25	€ 1175,00	■	+ € 37,30

### TMSP RH

1   code	pump head		POLYMERS	
	2   bar	3   l/h	FP	level alarm output
<b>TRH</b>			B	
6	1	€ 984,00	■	+ € 37,30
4	3	€ 1028,00	■	+ € 37,30
2	8	€ 1060,00	■	+ € 37,30
1	20	€ 1175,00	■	+ € 37,30
0	25	€ 1175,00	■	+ € 37,30

### TP CO

1   code	pump head		POLYMERS	
	2   bar	3   l/h	FP	
<b>TCO</b>			B	
20	5	€ 734,00	■	
4	3	€ 775,00	■	
2	8	€ 809,00	■	
1	20	€ 927,00	■	
0	25	€ 927,00	■	

## COMPRESSED AIR

AC metering pumps series work only with compressed air without lubricant and/or condensed water.  
Air supply pressure range must be from 6 bar to 10 bar.

### IT AC CO

1 l code	pump head l		PVDF			PP		
<b>TAO</b>	oring l		FP	EP	W	FP	EP	W
2 l bar 3 l l/h	4 l		K	P	Y	V	D	W
10 50		€ 809,00	■	■	■	■	■	■
5 150		€ 809,00	■	■	■	■	■	■
0 230		€ 809,00	■	■	■	■	■	■

### IT AC CL

1 l code	pump head l		PVDF			PP		
<b>TAL</b>	oring l		FP	EP	W	FP	EP	W
2 l bar 3 l l/h	4 l		K	P	Y	V	D	W
10 50		€ 845,00	■	■	■	■	■	■
5 150		€ 845,00	■	■	■	■	■	■
0 230		€ 845,00	■	■	■	■	■	■

### IT AC MF

1 l code	pump head l		PVDF			PP			alarm output
<b>TAF</b>	oring l		FP	EP	W	FP	EP	W	
2 l bar 3 l l/h	4 l		K	P	Y	V	D	W	
10 50		€ 952,00	■	■	■	■	■	■	■
5 150		€ 952,00	■	■	■	■	■	■	■
0 230		€ 952,00	■	■	■	■	■	■	■

## Series \V

### Solenoid-driven dosing pumps

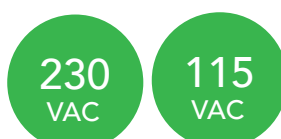
Solenoid-driven dosing pumps with vertical mounting, easy to install, inexpensive and reliable, V pumps are designed to support a wide range of flow rates

The V series includes a MF version with multifunction software and a PO version for pH and Redox regulation. Also available with self venting.

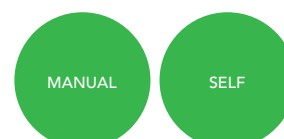
#### PERFORMANCE



#### POWER SUPPLY



#### VENTING





## FEATURES

- Wall mounted
- IP65 protection
- Microprocessor technology
- Double ball check valve (where available)
- Standard liquid ends in PVDF

## BASIC MODEL ACCESSORIES

- PVDF injection valve (0.3 bar)
- PVDF level probe
- PVDF foot filter
- PE delivery hose (2 mt)
- PVC (flexible) suction hose (2 mt)
- PVC (4x6) outgassing hose (2 mt)



## PUMP HEADS



PVDF



PP

# Series V

## Basic models

VMS MF

Constant/proportional dosing system with multifunction

FEATURES

- › Digital display
- › Microprocessor technology
- › Constant
- › mA signal input
- › Volt signal input
- › Batch dosing
- › Work-pause mode
- › Water meter
- › External contact

FUNCTIONS

- › MULTIFUNCTION
  - › Constant
  - › Divide
  - › Multiply
  - › PPM
  - › Batch
  - › Volt
  - › mA
  - › %
  - › ml/q

INPUT OUTPUT

Level control

Water meter

Alarm output

VMS PO

Proportional dosing system with pH regulation o del Redox

FEATURES

- › Digital display
- › Microprocessor technology
- › pH or ORP meter
- › Acid or base dosing or oxidant or antioxidant dosing (verify the hydraulic components)

FUNCTIONS

- › pH (0-14pH) or ORP (+/-1000mV) reading/regulation; supplied without probe

INPUT OUTPUT

Level control

Stand-by

Alarm output

VMS EN

Timered dosing with weekly timer

FEATURES

- › Digital display
- › Microprocessor technology
- › Timered dosing

FUNCTIONS

- › Weekly timer
- › Electrovalve control

INPUT

Level control

V CL

Constant dosing system with level control

FEATURES

- › Constant dosing

FUNCTIONS

- › Constant/constant with divider (1/10)

INPUT

Level control

V CO

Constant dosing system without level control

FEATURES

- › Constant dosing

FUNCTIONS

- › Constant/constant with divider (1/10)

## A - Self venting

- › Self venting pump head.
  - › PVDF liquid ends (pump head, injection valve, foot filter, delivery hose).
  - › **Accessories included:** basic model accessories.
  - › **Optional accessories:** PP pump head and accessories (with PE hose).
- 

---

- input and output shown in red are to be considered as optional.

---

## VMS MF

1   code	pump head   oring	PP	PVDF			level alarm output
		FP EP W	FP	EP	W	
<b>VMF</b>	4	V D W	1	2	Y	
2   bar 3   l/h						
20 1	€ 428,00	■ ■ ■	■	■	■	+ € 37,30
18 2	€ 428,00	■ ■ ■	■	■	■	+ € 37,30
18 4	€ 471,00	■ ■ ■	■	■	■	+ € 37,30
15 2	€ 386,00	■ ■ ■	■	■	■	+ € 37,30
15 4	€ 428,00	■ ■ ■	■	■	■	+ € 37,30
15 5	€ 471,00	■ ■ ■	■	■	■	+ € 37,30
10 4	€ 386,00	■ ■ ■	■	■	■	+ € 37,30
10 5	€ 428,00	■ ■ ■	■	■	■	+ € 37,30
10 10	€ 471,00	■ ■ ■	■	■	■	+ € 37,30
7 6	€ 386,00	■ ■ ■	■	■	■	+ € 37,30
5 1	€ 386,00	■ ■ ■	■	■	■	+ € 37,30
5 10	€ 428,00	■ ■ ■	■	■	■	+ € 37,30
5 12	€ 471,00	■ ■ ■	■	■	■	+ € 37,30
4 8	€ 386,00	■ ■ ■	■	■	■	+ € 37,30
3 10	€ 386,00	■ ■ ■	■	■	■	+ € 37,30
2 15	€ 471,00	■ ■ ■	■	■	■	+ € 37,30
1 16	€ 428,00	■ ■ ■	■	■	■	+ € 37,30

## VMS PO

1   code	pump head   oring	PP	PVDF			level alarm output
		FP EP W	FP	EP	W	
<b>VPO</b>	4	V D W	1	2	Y	
2   bar 3   l/h						
20 1	€ 539,00	■ ■ ■	■	■	■	+ € 37,30
18 2	€ 539,00	■ ■ ■	■	■	■	+ € 37,30
18 4	€ 585,00	■ ■ ■	■	■	■	+ € 37,30
15 2	€ 500,00	■ ■ ■	■	■	■	+ € 37,30
15 4	€ 539,00	■ ■ ■	■	■	■	+ € 37,30
15 5	€ 585,00	■ ■ ■	■	■	■	+ € 37,30
10 4	€ 500,00	■ ■ ■	■	■	■	+ € 37,30
10 5	€ 539,00	■ ■ ■	■	■	■	+ € 37,30
10 10	€ 585,00	■ ■ ■	■	■	■	+ € 37,30
7 6	€ 500,00	■ ■ ■	■	■	■	+ € 37,30
5 1	€ 500,00	■ ■ ■	■	■	■	+ € 37,30
5 10	€ 539,00	■ ■ ■	■	■	■	+ € 37,30
5 12	€ 585,00	■ ■ ■	■	■	■	+ € 37,30
4 8	€ 500,00	■ ■ ■	■	■	■	+ € 37,30
3 10	€ 500,00	■ ■ ■	■	■	■	+ € 37,30
2 15	€ 585,00	■ ■ ■	■	■	■	+ € 37,30
1 16	€ 539,00	■ ■ ■	■	■	■	+ € 37,30

## VMS EN

1   code	pump head   oring	PP	PVDF			level alarm output
		FP EP W	FP	EP	W	
<b>VEN</b>	4	V D W	1	2	Y	
2   bar 3   l/h						
20 1	€ 539,00	■ ■ ■	■	■	■	
18 2	€ 539,00	■ ■ ■	■	■	■	
18 4	€ 585,00	■ ■ ■	■	■	■	
15 2	€ 500,00	■ ■ ■	■	■	■	
15 4	€ 539,00	■ ■ ■	■	■	■	
15 5	€ 585,00	■ ■ ■	■	■	■	
10 4	€ 500,00	■ ■ ■	■	■	■	
10 5	€ 539,00	■ ■ ■	■	■	■	
10 10	€ 585,00	■ ■ ■	■	■	■	
7 6	€ 500,00	■ ■ ■	■	■	■	
5 1	€ 500,00	■ ■ ■	■	■	■	
5 10	€ 539,00	■ ■ ■	■	■	■	
5 12	€ 585,00	■ ■ ■	■	■	■	
4 8	€ 500,00	■ ■ ■	■	■	■	
3 10	€ 500,00	■ ■ ■	■	■	■	
2 15	€ 585,00	■ ■ ■	■	■	■	
1 16	€ 539,00	■ ■ ■	■	■	■	

## V CO

1   code	pump head   oring	PP	PVDF			level alarm output
		FP EP W	FP	EP	W	
<b>VCO</b>	4	V D W	1	2	Y	
2   bar 3   l/h						
20 1	€ 280,00	■ ■ ■	■	■	■	
18 2	€ 280,00	■ ■ ■	■	■	■	
18 4	€ 326,00	■ ■ ■	■	■	■	
15 2	€ 241,00	■ ■ ■	■	■	■	
15 4	€ 280,00	■ ■ ■	■	■	■	
15 5	€ 326,00	■ ■ ■	■	■	■	
10 4	€ 241,00	■ ■ ■	■	■	■	
10 5	€ 280,00	■ ■ ■	■	■	■	
10 10	€ 326,00	■ ■ ■	■	■	■	
7 6	€ 241,00	■ ■ ■	■	■	■	
5 1	€ 241,00	■ ■ ■	■	■	■	
5 10	€ 280,00	■ ■ ■	■	■	■	
5 12	€ 326,00	■ ■ ■	■	■	■	
4 8	€ 241,00	■ ■ ■	■	■	■	
3 10	€ 241,00	■ ■ ■	■	■	■	
2 15	€ 326,00	■ ■ ■	■	■	■	
1 16	€ 280,00	■ ■ ■	■	■	■	

## V CL

1   code	pump head   oring	PP	PVDF			level alarm output
		FP EP W	FP	EP	W	
<b>VCL</b>	4	V D W	1	2	Y	
2   bar 3   l/h						
20 1	€ 346,00	■ ■ ■	■	■	■	+ € 37,30
18 2	€ 346,00	■ ■ ■	■	■	■	+ € 37,30
18 4	€ 383,00	■ ■ ■	■	■	■	+ € 37,30
15 2	€ 299,00	■ ■ ■	■	■	■	+ € 37,30
15 4	€ 346,00	■ ■ ■	■	■	■	+ € 37,30
15 5	€ 383,00	■ ■ ■	■	■	■	+ € 37,30
10 4	€ 299,00	■ ■ ■	■	■	■	+ € 37,30
10 5	€ 346,00	■ ■ ■	■	■	■	+ € 37,30
10 10	€ 383,00	■ ■ ■	■	■	■	+ € 37,30
7 6	€ 299,00	■ ■ ■	■	■	■	+ € 37,30
5 1	€ 299,00	■ ■ ■	■	■	■	+ € 37,30
5 10	€ 346,00	■ ■ ■	■	■	■	+ € 37,30
5 12	€ 383,00	■ ■ ■	■	■	■	+ € 37,30
4 8	€ 299,00	■ ■ ■	■	■	■	+ € 37,30
3 10	€ 299,00	■ ■ ■	■	■	■	+ € 37,30
2 15	€ 383,00	■ ■ ■	■	■	■	+ € 37,30
1 16	€ 346,00	■ ■ ■	■	■	■	+ € 37,30

## SELF VENTING

### VMSEA MF

1   code	pump head		PP			PVDF			level alarm output
	oring		FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		V	D	W	1	2	Y	
VAF									
18 2		€471,00	■	■	■	■	■	■	+ €37,30
15 1		€386,00	■	■	■	■	■	■	+ €37,30
15 3		€471,00	■	■	■	■	■	■	+ €37,30
10 ,5		€386,00	■	■	■	■	■	■	+ €37,30
10 2		€386,00	■	■	■	■	■	■	+ €37,30
10 3,4		€428,00	■	■	■	■	■	■	+ €37,30
10 7		€471,00	■	■	■	■	■	■	+ €37,30
7 4		€386,00	■	■	■	■	■	■	+ €37,30
5 7,5		€428,00	■	■	■	■	■	■	+ €37,30
5 9		€471,00	■	■	■	■	■	■	+ €37,30
4 5,5		€386,00	■	■	■	■	■	■	+ €37,30
3 7		€386,00	■	■	■	■	■	■	+ €37,30
2 12		€471,00	■	■	■	■	■	■	+ €37,30
1 13,5		€428,00	■	■	■	■	■	■	+ €37,30

### VMSEA PO

1   code	pump head		PP			PVDF			level alarm output
	oring		FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		V	D	W	1	2	Y	
VAP									
18 2		€585,00	■	■	■	■	■	■	+ €37,30
15 1		€500,00	■	■	■	■	■	■	+ €37,30
15 3		€585,00	■	■	■	■	■	■	+ €37,30
10 ,5		€500,00	■	■	■	■	■	■	+ €37,30
10 2		€500,00	■	■	■	■	■	■	+ €37,30
10 3,4		€539,00	■	■	■	■	■	■	+ €37,30
10 7		€585,00	■	■	■	■	■	■	+ €37,30
7 4		€500,00	■	■	■	■	■	■	+ €37,30
5 7,5		€539,00	■	■	■	■	■	■	+ €37,30
5 9		€585,00	■	■	■	■	■	■	+ €37,30
4 5,5		€500,00	■	■	■	■	■	■	+ €37,30
3 7		€500,00	■	■	■	■	■	■	+ €37,30
2 12		€585,00	■	■	■	■	■	■	+ €37,30
1 13,5		€539,00	■	■	■	■	■	■	+ €37,30

### VMSEA EN

1   code	pump head		PP			PVDF		
	oring		FP	EP	W	FP	EP	W
2   bar 3   l/h	4		V	D	W	1	2	Y
VAN								
18 2		€585,00	■	■	■	■	■	■
15 1		€500,00	■	■	■	■	■	■
15 3		€585,00	■	■	■	■	■	■
10 ,5		€500,00	■	■	■	■	■	■
10 2		€500,00	■	■	■	■	■	■
10 3,4		€539,00	■	■	■	■	■	■
10 7		€585,00	■	■	■	■	■	■
7 4		€500,00	■	■	■	■	■	■
5 7,5		€539,00	■	■	■	■	■	■
5 9		€585,00	■	■	■	■	■	■
4 5,5		€500,00	■	■	■	■	■	■
3 7		€500,00	■	■	■	■	■	■
2 12		€585,00	■	■	■	■	■	■
1 13,5		€539,00	■	■	■	■	■	■

### VA CO

1   code	pump head		PP			PVDF		
	oring		FP	EP	W	FP	EP	W
2   bar 3   l/h	4		V	D	W	1	2	Y
VAO								
18 2		€326,00	■	■	■	■	■	■
15 1		€241,00	■	■	■	■	■	■
15 3		€326,00	■	■	■	■	■	■
10 ,5		€241,00	■	■	■	■	■	■
10 2		€241,00	■	■	■	■	■	■
10 3,4		€280,00	■	■	■	■	■	■
10 7		€326,00	■	■	■	■	■	■
7 4		€241,00	■	■	■	■	■	■
5 7,5		€280,00	■	■	■	■	■	■
5 9		€326,00	■	■	■	■	■	■
4 5,5		€241,00	■	■	■	■	■	■
3 7		€241,00	■	■	■	■	■	■
2 12		€326,00	■	■	■	■	■	■
1 13,5		€280,00	■	■	■	■	■	■

### VA CL

1   code	pump head		PP			PVDF			level alarm output
	oring		FP	EP	W	FP	EP	W	
2   bar 3   l/h	4		V	D	W	1	2	Y	
VAL									
18 2		€383,00	■	■	■	■	■	■	+ €37,30
15 1		€299,00	■	■	■	■	■	■	+ €37,30
15 3		€383,00	■	■	■	■	■	■	+ €37,30
10 ,5		€299,00	■	■	■	■	■	■	+ €37,30
10 2		€299,00	■	■	■	■	■	■	+ €37,30
10 3,4		€346,00	■	■	■	■	■	■	+ €37,30
10 7		€383,00	■	■	■	■	■	■	+ €37,30
7 4		€299,00	■	■	■	■	■	■	+ €37,30
5 7,5		€346,00	■	■	■	■	■	■	+ €37,30
5 9		€383,00	■	■	■	■	■	■	+ €37,30
4 5,5		€299,00	■	■	■	■	■	■	+ €37,30
3 7		€299,00	■	■	■	■	■	■	+ €37,30
2 12		€383,00	■	■	■	■	■	■	+ €37,30
1 13,5		€346,00	■	■	■	■	■	■	+ €37,30

## Series \WDPHxx

### Solenoid-driven dosing pumps with control instrument

WDPHxx systems integrate a control instrument with proportional dosing pumps and represents the ideal solution for specific dosing requirements such as those in the swimming pool sector.

They are equipped with a backlit LCD display, encoder knob, head pumps and hydraulic parts in PVDF, stand-by, input for flow control, programmable delay at dosing startup, setting of the pH dosing

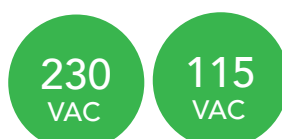
priority, service menu with probe reading value, probe check-up and alarms.

RS485 output allows remote control via the exclusive ERMES online system.

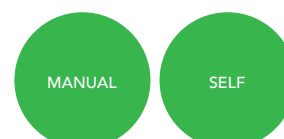
#### PERFORMANCE



#### POWER SUPPLY



#### VENTING



## FEATURES

- Wall mounted
- LCD backlight display
- Double ball check valve
- Standard liquid ends in PVDF
- RS485 output for web control (ERMES)
- MODBUS with BT MODBUS module on request

## BASIC MODEL ACCESSORIES

- PVDF injection valve (0.3 bar)
- PVDF level probe
- PVDF foot filter
- PE delivery hose (2 mt)
- PVC (flexible) suction hose (2 mt)
- PVC (4x6) outgassing hose (2 mt)



## COMMUNICATION





## Series \WDPHxx

### Basic models

#### WDPH RH

pH and ORP proportional dosing

##### FEATURES

- › Digital display
- › Acid/base - 0/14 pH
- › Disinfectant - 0/1000 mV Redox

##### FUNCTIONS

- › Delayed startup (< 60min)
- › pH dosing priority setting
- › Instant reading and probe check up

##### INPUT

Level control  
Flow sensor  
Stand-by

##### OUTPUT

Alarms: damaged probe (probe check-up), max dosing, levels, voltage, flow

#### WDPH CL

pH and Chlorine/Bromine proportional dosing

##### FEATURES

- › Digital display
- › Acid/base - 0/14 pH
- › Chlorine - 0/10 mg/l Cl<sub>2</sub>
- › Bromine - 0/10 mg/l Br

##### FUNCTIONS

- › Delayed startup (< 60min)
- › pH dosing priority setting
- › Instant reading and probe check up

##### INPUT

Level control  
Flow sensor  
Stand-by

##### OUTPUT

Alarms: damaged probe (probe check-up), max dosing, levels, voltage, flow

#### WDPH CF

pH and Flocculant proportional dosing

##### FEATURES

- › Digital display
- › Acid/base - 0/14 pH
- › Flocculant with 230 VAC output for Chlorine - 0/10 mg/l Cl<sub>2</sub> or Bromine - 0/10 mg/l Br

##### FUNCTIONS

- › 230 VAC output for Chlorine
- › Test function
- › Delayed startup (< 60min)
- › pH dosing priority setting
- › Instant reading and probe check up

##### INPUT

Level control  
Flow sensor  
Stand-by

##### OUTPUT

Alarms: damaged probe (probe check-up), max dosing, levels, voltage, flow

#### WDPH CA

pH and Anti-algae proportional dosing

##### FEATURES

- › Digital display
- › Acid/base - 0/14 pH
- › Anti-algae with 230 VAC output for Chlorine - 0/10 mg/l Cl<sub>2</sub> or Bromine - 0/10 mg/l Br

##### FUNCTIONS

- › 230 VAC output for Chlorine/bromine
- › Weekly timer for anti-algae shock dosing
- › Delayed startup (< 60min)
- › pH dosing priority setting
- › Instant reading and probe check up

##### INPUT

Level control  
Flow sensor  
Stand-by

##### OUTPUT

Alarms: damaged probe (probe check-up), max dosing, levels, voltage, flow

#### WDPH OS

pH and active oxygen proportional dosing

##### FEATURES

- › Digital display
- › Acid/base - 0/14 pH
- › Active oxygen - 0/100°C Temperature

##### FUNCTIONS

- › Weekly/daily timer for active oxygen
- › Definition of the standard dosing amount based on the tank volume
- › Instant reading and probe check up

##### INPUT

Level control  
Flow sensor  
Stand-by

##### OUTPUT

Alarms: damaged probe (probe check-up), max dosing, levels, voltage, flow

#### WDPH RHS

pH and ORP proportional dosing with Schuko plug output

##### FEATURES

- › Digital display
- › Acid/base - 0/14 pH
- › Chlorine - 0/10 mg/l Cl<sub>2</sub>

##### FUNCTIONS

- › 230 VAC output for Chlorine/bromine
- › Delayed startup (< 60min)
- › pH dosing priority setting
- › Instant reading and probe check up

##### INPUT

Level control  
Flow sensor  
Stand-by

##### OUTPUT

Alarms: damaged probe (probe check-up), max dosing, levels, voltage, flow



## WDPH CLS

pH and Chlorine/Bromine proportional dosing with Schuko plug output

### FEATURES

- › Digital display
- › Chlorine - 0/10 mg/l Cl<sub>2</sub>
- › Bromine - 0/10 mg/l Br

### FUNCTIONS

- › 230 VAC output for Chlorine/bromine
- › Delayed startup (< 60min)
- › pH dosing priority setting
- › Instant reading and probe check up

### INPUT

Level control  
Flow sensor  
Stand-by

### OUTPUT

Alarms: damaged probe (probe check-up), max dosing, levels, voltage, flow

## A - Self venting

- › Self venting pump head.
- › PVDF liquid ends (pump head, injection valve, foot filter, delivery hose).
- › **Accessories included:** basic model accessories.
- › **Optional accessories:** PP pump head and accessories (with PE hose).

						WDPHRH	WDPHCL	WDPHCF	WDPHCA	WDPHOS	WDPHRHS	WDPHCLS
2 l bar	3 l/h	pump head l oring l	PVDF			1   code	1   code	1   code	1   code	1   code	1   code	1   code
			FP	EP	W	WDH	WHL	WDF	WDA	WOS	WBS	WDS
7	6	4 l	V	D	W	€ 926,00	€ 926,00	€ 1031,00	€ 1031,00	€ 981,00	€ 834,00	€ 834,00
5	1		■	■	■	€ 926,00	€ 926,00	€ 1031,00	€ 1031,00	€ 981,00	€ 834,00	€ 834,00
3	10		■	■	■	€ 926,00	€ 926,00	€ 1031,00	€ 1031,00	€ 981,00	€ 834,00	€ 834,00

### SELF VENTING

						WDPHRH	WDPHCL	WDPHCF	WDPHCA	WDPHOS	WDPHRHS	WDPHCLS
2 l bar	3 l/h	pump head l oring l	PVDF			1   code	1   code	1   code	1   code	1   code	1   code	1   code
			FP	EP	W	WDH	WHL	WDF	WDA	WOS	WBS	WDS
3	7	4 l	V	D	W	€ 926,00	€ 926,00	€ 1031,00	€ 1031,00	€ 981,00	€ 834,00	€ 834,00

- input and output shown in red are to be considered as optional.

## Series \WHPHRH

### All-in-one swimming pool solution

WHPHRH is a complete integrated system for pool water treatment, an all-in-one solution that is easy to use and highly accurate. Ideal for private pools, it is equipped with two pumps with a PVDF head pump for pH/Redox regulation, an input for flow control and also an end product alarm with reserve dosing.

WHPHRH is equipped with a self-learning function, which enables the instrument to interpret your pool's chemical water values in order to automatically regulate the dosing process, and the innovative pH/Redox probe calibration system.

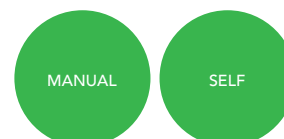
#### PERFORMANCE



#### POWER SUPPLY



#### VENTING



#### COMMUNICATION



## FEATURES

- › Wall mounted
- › LCD backlight display
- › Double ball check valve
- › Standard liquid ends in PVDF
- › RS485 output for web control (ERMES)
- › MODBUS with BT MODBUS module on request

## BASIC MODEL ACCESSORIES

- › PVDF injection valve (0.3 bar)
- › PVDF level probe
- › PVDF foot filter
- › PE delivery hose (2 mt)
- › PVC (flexible) suction hose (2 mt)
- › PVC (4x6) outgassing hose (2 mt)

### WHPH RH

pH and ORP proportional dosing

#### FEATURES

- › Digital display
- › Acid/base - 0/14 pH
- › Disinfectant - 0/1000 mV ORP

#### FUNCTIONS

- › Delayed startup (< 60min)
- › pH dosing priority setting
- › Instant reading and probe check up

#### INPUT

Level control  
Flow sensor  
Water meter  
Stand-by

#### OUTPUT

Damaged probe  
Max dosing  
Level alarm  
Voltage alarm  
Flow alarm

### WHPHRH

1   code	pump head		PVDF		
WHH	oring		FP	EP	W
2   bar 3   l/h	4	K	P	Y	
7 6	€ 926,00	■	■	■	■
5 1	€ 926,00	■	■	■	■
3 7	€ 926,00	■	■	■	■
3 10	€ 926,00	■	■	■	■

## Series R

### Compressed air dosing pumps

Compressed air dosing pumps designed for specific applications and, especially, for car washing systems.

R dosing pumps work only with compressed air without lubricant and/or condensed water, while air supply pressure range must

be between 6 bar and 10 bar. They are equipped with pneumatic stroke frequency adjustment and can be installed horizontally (with bracket) or on wall (DIN rail).

#### PERFORMANCE



#### POWER SUPPLY



#### RAC

Constant dosing

#### FEATURES

- › Pneumatic stroke frequency adjustment
- › PP liquid ends

#### FUNCTIONS

- › Constant dosing

#### RAC V

Constant dosing with electrovalve

#### FEATURES

- › Electrovalve (without connector)
- › Pneumatic stroke frequency adjustment
- › PP liquid ends

#### FUNCTIONS

- › Constant dosing

#### RAC P

Constant dosing with priming button

#### FEATURES

- › Priming button
- › Pneumatic stroke frequency adjustment
- › PP liquid ends

#### FUNCTIONS

- › Constant dosing

#### RAC

1 | code

**RAC**

2 | bar 3 | l/h

	cc/s	tubo	pump head l	PP
6 1	0,14	4x6 - 6x8	4   E	€ 133,00
6 3	0,42	4x6 - 6x8		€ 133,00
6 6	0,83	4x6 - 6x8		€ 133,00
6 12	1,66	4x6 - 6x8		€ 133,00

#### RACV

1 | code

**RAV**

2 | bar 3 | l/h

	cc/s	hose	pump head l	PP
6 1	0,14	4x6 - 6x8	4   E	€ 190,00
6 3	0,42	4x6 - 6x8		€ 190,00
6 6	0,83	4x6 - 6x8		€ 190,00
6 12	1,66	4x6 - 6x8		€ 190,00

#### RACP

1 | code

**RAP**

2 | bar 3 | l/h

	cc/s	tubo	pump head l	PP
6 1	0,14	4x6 - 6x8	4   E	€ 154,00
6 3	0,42	4x6 - 6x8		€ 154,00
6 6	0,83	4x6 - 6x8		€ 154,00
6 12	1,66	4x6 - 6x8		€ 154,00

## Technical data

			PUMP HEAD	SOLENOID	HOSES		PVDF HOSE
bar	l/h	cc/s	MODEL	DIAM.	SUC	DEL	extra charge
AMS SERIES							
25	5	0,70	L	110	4x6	4x6	+ € 12,90
15	10	1,4	M	110	4x6	4x6	+ € 12,90
10	15	2,1	M	110	6x8	6x8	+ € 19,80
7	20	2,8	N	110	6x8	6x8	+ € 19,80
3	40	5,6	S	110	8x12	8x10	+ € 26,00
2	60	7.7	T	110	8x12	8x10	+ € 26,00

### SELF VENTING

25	3,2	0,44	LA	110	4x6	4x6	+ € 12,90
15	6	0,83	MA	110	4x6	4x6	+ € 12,90
10	10	1,38	MA	110	6x8	6x8	+ € 19,80
7	13	1,81	NA	110	6x8	6x8	+ € 19,80
3	30	4,17	SA	110	8x12	8x10	+ € 26,00
2	38,5	5,35	TA	110	8x12	8x10	+ € 26,00

### Viscous LIQUIDS

08	02	0,28	LP	110	20 x 27	16 x 22	-
06	04	0,56	MP	110	20 x 27	16 x 22	-
04	10	1,4	NP	110	20 x 27	16 x 22	-
02	25	3,5	SP	110	20 x 27	16 x 22	-
01	40	5,6	TP	110	20 x 27	16 x 22	-

### Low viscous LIQUIDS

25	05	0,70	L	110	16 x 22	8 x 12	-
15	10	1,4	M	110	16 x 22	8 x 12	-
10	15	2,1	M	110	16 x 22	8 x 12	-
07	20	2,8	N	110	16 x 22	8 x 12	-
03	40	5,6	S	110	16 x 22	8 x 12	-
02	60	7,7	T	110	16 x 22	8 x 12	-

### COMPRESSED AIR

10	50	7	N	/	8 x 12	8 x 10	+ € 26,00
05	140	19	T	/	12 x 18	13 x 16	+ € 38,90
00	220	30	T	/	12 x 18	13 x 16	+ € 38,90

bar	l/h	cc/s	PUMP HEAD	SOLENOID	HOSES		PVDF HOSE
			MODEL	DIAM.	SUC	DEL	extra charge

### V SERIES

20	1	0,1	J	70	4 x 8	4 x 8	+ € 19,80
18	2	0,19	K	70	4 x 8	4 x 8	+ € 19,80
18	4	0,37	K	80	4 x 8	4 x 8	+ € 19,80
15	2	0,19	K	60	4 x 6	4 x 6	+ € 19,80
15	4	0,37	K	70	4 x 6	4 x 6	+ € 19,80
15	5	0,46	K	80	4 x 6	4 x 6	+ € 19,80
10	4	0,37	K	60	4 x 6	4 x 6	+ € 19,80
10	5	0,46	K	70	4 x 6	4 x 6	+ € 19,80
10	10	0,93	K	80	4 x 6	4 x 6	+ € 19,80
7	6	0,56	K	60	4 x 6	4 x 6	+ € 19,80
5	10	0,93	K	70	4 x 6	4 x 6	+ € 19,80
5	12	1,11	K	80	4 x 6	4 x 6	+ € 19,80
5	1	0,1	J	60	4 x 6	4 x 6	+ € 19,80
4	8	0,74	K	60	4 x 6	4 x 6	+ € 19,80
3	10	0,93	K	60	4 x 6	4 x 6	+ € 19,80
2	15	1,38	K	80	6 x 8 (PE)	6 x 8 (PE)	+ € 26,00
1	16	1,48	K	70	6 x 8 (PE)	6 x 8 (PE)	+ € 26,00

### SELF VENTING

18	2	0,19	KA	80	4 x 8	4 x 8	+ € 19,80
15	3	0,28	KA	80	4 x 6	4 x 6	+ € 19,80
15	1	0,1	KA	60	4 x 6	4 x 6	+ € 19,80
10	3,4	0,32	KA	70	4 x 6	4 x 6	+ € 19,80
10	7	0,65	KA	80	4 x 6	4 x 6	+ € 19,80
10	2	0,19	KA	60	4 x 6	4 x 6	+ € 19,80
10	0,5	0,05	JA	60	4 x 6	4 x 6	+ € 19,80
7	4	0,37	KA	60	4 x 6	4 x 6	+ € 19,80
5	7,5	0,7	KA	70	4 x 6	4 x 6	+ € 19,80
5	9	0,84	KA	80	4 x 6	4 x 6	+ € 19,80
4	5,5	0,51	KA	60	4 x 6	4 x 6	+ € 19,80
3	7	0,65	KA	60	4 x 6	4 x 6	+ € 19,80
2	12	1,11	KA	80	6 x 8 (PE)	6 x 8 (PE)	+ € 26,00
1	13,5	1,25	KA	70	6 x 8 (PE)	6 x 8 (PE)	+ € 26,00

			PUMP HEAD	SOLENOID	HOSES		PVDF HOSE
bar	l/h	cc/s	MODEL	DIAM.	SUC	DEL	extra charge
K SERIES							
20	1	0.1	I	75	4 x 6	4 x 6	+ € 12,90
18	2	0.19	L	75	4 x 6	4 x 6	+ € 12,90
15	4	0.37	L	75	4 x 6	4 x 6	+ € 12,90
10	5	0.46	L	75	4 x 6	4 x 6	+ € 12,90
8	8	0.74	L	75	4 x 6	4 x 6	+ € 12,90
5	10	0.93	L	75	4 x 6	4 x 6	+ € 12,90
5	1	0.09	I	75	4 x 6	4 x 6	+ € 12,90
2	18	1.67	M	75	6 x 8	6 x 8	+ € 19,80

### SELF VENTING

18	1	0,1	LA	75	4 x 6	4 x 6	+ € 12,90
15	3	0,28	LA	75	4 x 6	4 x 6	+ € 12,90
10	3,5	0,32	LA	75	4 x 6	4 x 6	+ € 12,90
10	0,5	0,05	IA	75	4 x 6	4 x 6	+ € 12,90
8	5,5	0,51	LA	75	4 x 6	4 x 6	+ € 12,90
5	7,5	0,69	LA	75	4 x 6	4 x 6	+ € 12,90
2	13	1,20	MA	75	6 x 8	6 x 8	+ € 19,80

### Low viscous LIQUIDS

18	2	0,19	L	75	16 x 22	8 x 12	-
15	4	0,37	L	75	16 x 22	8 x 12	-
10	5	0,46	L	75	16 x 22	8 x 12	-
8	8	0,74	L	75	16 x 22	8 x 12	-
5	10	0,93	M	75	16 x 22	8 x 12	-
2	18	1,67	M	75	16 x 22	8 x 12	-

bar	l/h	cc/s	PUMP HEAD	SOLENOID	HOSES	
			MODEL	DIAM.	SUC	DEL

### WD SERIES

3	10	0,93	K	60	4 x 6	4 x 6
7	6	0,55	K	60	4 x 6	4 x 6
5	1	0,09	J	60	4 x 6	4 x 6

### SELF VENTING

3	7	0,65	K	60	4 x 6	4 x 6
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bar	l/h	cc/s	PUMP HEAD	SOLENOID	HOSES		PVDF HOSE
			MODEL	DIAM.	SUC	DEL	extra charge

### T SERIES

20	05	0,7	L	110	4 x 6	4 x 6	+ € 12,90
05	15	2,1	N	110	6 x 8	6 x 8	+ € 19,80
04	20	2,8	N	110	6 x 8	6 x 8	+ € 19,80
03	30	4,2	S	110	8 x 12	8 x 10	+ € 26,00
01	50	7	S	110	8 x 12	8 x 10	+ € 26,00
00	100	14	T	110	12 x 18 Meshed PVC	12 x 18 Meshed PVC	+ € 26,00

### SELF VENTING

20	3,2	0,44	LA	110	4 x 6	4 x 6	+ € 12,90
05	10	1,39	NA	110	6 x 8	6 x 8	+ € 19,80
04	13	1,80	NA	110	6 x 8	6 x 8	+ € 19,80
03	20	2,7	SA	110	8 x 12	8 x 10	+ € 26,00
01	35	7,4	SA	110	8 x 12	8 x 10	+ € 26,00

### Viscous LIQUIDS

06	01	0,14	LP	110	20 x 27	16 x 22	-
04	03	0,42	MP	110	20 x 27	16 x 22	-
02	08	1,2	NP	110	20 x 27	16 x 22	-
01	20	2,8	SP	110	20 x 27	16 x 22	-
0,5	25	3,5	TP	110	20 x 27	16 x 22	-

### COMPRESSED AIR

10	50	7	N	/	8 x 12	8 x 10	+ € 26,00
05	150	20	T	/	12 x 18	13 x 16	+ € 38,90
00	230	32	T	/	12 x 18	13 x 16	+ € 38,90

## DOSING PUMPS SPARE PARTS

## CIRCUIT BOARDS

AMSAC CO PLUS	€ 138,00
AMSAC CL PLUS	€ 193,00
AMSAC MF	€ 325,00
AMS CO PLUS	€ 138,00
AMS CL PLUS	€ 193,00
AMS PLUS	€ 208,00
AMS MF	€ 325,00
AMS DC	€ 277,00
AMS PH	€ 325,00
AMS RH	€ 325,00
TCO	€ 144,00
TCL	€ 161,00
TMS MF	€ 292,00
TMS DC	€ 258,00
TMS RH	€ 292,00
TMS PH	€ 292,00
TAC CO	€ 144,00
TAC CL	€ 161,00
TAC MF	€ 292,00
KCO PLUS	€ 144,00
KCL PLUS	€ 161,00
K PLUS	€ 174,00
KMS DC	€ 234,00
KMS MF	€ 277,00
KMS EN	€ 277,00
KMS CL	€ 277,00
KMS RH	€ 277,00
KMS PH	€ 277,00
VCO	€ 96,00
VCL	€ 119,00
VMS MF	€ 216,00
VMS PH	€ 277,00
VMS RH	€ 277,00
VMS EN	€ 277,00
VMS PO	€ 277,00
WDPHRH	€ 592,00
WDPHCL	€ 592,00
WDPHOS	€ 592,00
WDPHRHS	€ 592,00
WDPHCLS	€ 592,00

## SOLENOID

115 box CMS / AMS	€ 331,00
60 box C-EPHRH /WD	€ 88,00
60 box F/V	€ 88,00
70 box F/V	€ 113,00
75 box H/K	€ 144,00
80 box G/V/T	€ 143,00
110 box G/T	€ 161,00
115 box AMS	€ 331,00
110 box T	€ 161,00

## PUMP HEADS

020.1555.1	NP (PMMA+FP+PTFE)	€ 366,00
020.1556.1	SP (PMMA+FP+PTFE)	€ 366,00
020.1557.1	TP (PMMA+FP+PTFE)	€ 366,00
020.0102.1	BP (PMMA+FP+PTFE)	€ 366,00
020.0168.1	DP (PMMA+FP+PTFE)	€ 366,00
020.0208.1	EP (PMMA+FP+PTFE)	€ 366,00
020.0106.1	FP (PMMA+FP+PTFE)	€ 366,00
020.0482.1	PCS / 4x6 (PP+FP+CE) F pump	€ 42,80
020.0496.1	PCS / 4x6 (PP+EP+CE) F pump	€ 42,80
020.0743.1	PCS / 4x6 (PVDF+FP+CE) F pump	€ 110,00
020.0862.1	PCS / 4x6 (PVDF+EP+CE) F pump	€ 110,00
020.1234.1	L - 4x8 (PVDF+FP+CE) for pump mod. CMS reinforced	€ 78,00
020.1249.1	L - 4x8 (PVDF+EP+CE) for pump mod. CMS reinforced	€ 78,00
020.1294.1	L - 4x6 (PVDF+FP+CE) for pump mod. CMS reinforced	€ 78,00
020.1753.1	L - 4x6 (PVDF+EP+CE) for pump mod. CMS reinforced	€ 78,00
020.1191.1	M - 4x8 (PVDF+FP+CE) for pump mod. CMS reinforced	€ 78,00
020.1194.1	M - 4x8 (PVDF+EP+CE) for pump mod. CMS reinforced	€ 78,00
020.1226.1	M - 4x6 (PVDF+FP+CE) for pump mod. CMS reinforced	€ 78,00
020.1560.1	M - 4x6 (PVDF+EP+CE) for pump mod. CMS reinforced	€ 78,00
020.0695.1	D - 6x8 (PP+FP+CE) for pump mod. CMS - G	€ 95,00
020.0529.1	D - 6x8 (PP+EP+CE) for pump mod. CMS / G	€ 95,00
020.0823.1	D - 6x8 (PMMA+EP+CE) for pump mod. CMS / G	€ 207,00
020.0754.1	D - 6x8 (PMMA+FP+CE) for pump mod. CMS / G	€ 207,00
020.0516.1	E - 8x12 (PP+EP+CE) for pump mod. CMS / G	€ 133,00
020.0606.1	E - 8x12 (PP+FP+CE) for pump mod. CMS / G	€ 133,00
020.0824.1	E - 8x12 (PMMA+EP+CE) for pump mod. CMS / G	€ 277,00
020.0825.1	E - 8x12 (PMMA+FP+CE) for pump mod. CMS / G	€ 277,00
020.0714.1	F - 8x12 (PP+FP+CE) for pump mod. CMS / G	€ 167,00
020.0513.1	F - 8x12 (PP+EP+CE) for pump mod. CMS / G	€ 167,00
020.0826.1	F - 8x12 (PMMA+EP+CE) for pump mod. CMS / G	€ 318,00
020.0827.1	F - 8x12 (PMMA+FP+CE) for pump mod. CMS / G	€ 318,00
020.1271.1	J - 4X6 (PVDF+WAX+CE) pump V	€ 45,70
020.1848.1	J - 4X6 (PP+EP+CE) pump V	€ 45,70
020.1135.1	J - 4X6 (PVDF+FP+CE) pump V	€ 45,70

020.1243.1	J - 4X6 (PVDF+EP+CE) pump V	€ 45,70
020.2407.1	J - 4X6 (PP+FP+CE) pump V	€ 45,70
020.2356.1	J - 4X6 (PP+WAX+CE) pump V	€ 45,70
020.0985.1	J - 4x8 (20-01) (PVDF+FP+CE) pump V	€ 45,70
020.0986.1	J - 4x8 (20-01)(PVDF+EP+CE) pump V	€ 45,70
020.1288.1	J - 4X8 (PVDF+WAX+CE) pump V	€ 45,70
020.1915.1	J - 4X8 (PP+EP+CE) pump V	€ 45,70
020.0987.1	K - 4x6 (PVDF+FP+CE) pump V	€ 42,80
020.0988.1	K - 4x6 (PVDF+EP+CE) pump V	€ 42,80
020.1012.1	K - 4x6 (PVDF+WAX+CE) pump V	€ 42,80
020.1534.1	K - 4x6 (PP+EP+CE) pump V	€ 42,80
020.1839.1	K - 4x6 (PP+FP+CE) pump V	€ 42,80
020.1982.1	K - 4x6 (PP+WAX+CE) pump V	€ 42,80
020.0989.1	K - 4x8 (PVDF+FP+CE) pump V	€ 45,70
020.0990.1	K - 4x8 (PVDF+EP+CE) pump V	€ 45,70
020.1506.1	K - 4x8 (PVDF+WAX+CE) pump V	€ 45,70
020.1916.1	K - 4x8 (PP+EP+CE) pump V	€ 45,70
020.1146.1	K - 6x8 (PVDF+FP+CE) pump V	€ 45,70
020.1280.1	K - 6x8 (PVDF+EP+CE) pump V	€ 45,70
020.1501.1	K - 6x8 (PVDF+WAX+CE) pump V	€ 45,70
020.1576.1	K - 6x8 (PP+EP+CE) pump V	€ 45,70
020.0633.1	G - 6x8 (PP+FP+CE) pump H	€ 133,00
020.0465.1	G - 6x8 (PP+EP+CE) pump H	€ 133,00
020.0718.1	G - 6x8 (PMMA+ FP+CE) pump H	€ 169,00
020.0775.1	G - 6x8 (PMMA+ EP+CE) pump H	€ 169,00
020.1435.1	I - 4X6 (PVDF+ FP+CE) pump K	€ 66,00
020.1436.1	I - 4X6 (PVDF+ EP+CE) pump K	€ 66,00
020.1123.1	I - 4X6 (PVDF+ EP+CE) reinforced for pump mod. K	€ 78,00
020.1124.1	I - 4X6 (PVDF+ FP+CE) reinforced for pump mod. K	€ 78,00
020.1654.1	I - 4X6 (PVDF+WAX+CE) pump K	€ 66,00
020.1527.1	I - 4X6 (PVDF+WAX+CE) reinforced for pump mod. K	€ 78,00
020.2006.1	I - 4X6 (PP+EP+CE) pump K	€ 66,00
020.1559.1	I - 4X6 (PP+EP+CE) reinforced for pump mod. K	€ 78,00
020.1125.1	L - 4X6 (PVDF+ EP+CE) pump K	€ 66,00
020.1126.1	L - 4X6 (PVDF+ FP+CE) pump K	€ 66,00
020.1318.1	L - 4X6 (PVDF+ FP+CE) for pump mod. K reinforced	€ 78,00
020.1319.1	L - 4X6 (PVDF+ EP+CE) for pump mod. K reinforced	€ 78,00
020.1336.1	L - 4X6 (PVDF+WAX+CE) pump K	€ 66,00
020.1140.1	L - 4X6 (PVDF+WAX+CE) for pump mod. K reinforced	€ 78,00
020.1562.1	L - 4X6 (PP+EP+CE) pump K	€ 66,00
020.2329.1	L - 4X6 (PP+FP+CE) pump K	€ 66,00
020.1951.1	L - 4X6 (PP+WAX+CE) pump K	€ 66,00
020.2394.1	L - 4X6 (PP+FP+CE) reinforced for pump K	€ 66,00
020.1563.1	L - 4X6 (PP+EP+CE) for pump mod. K reinforced	€ 78,00
020.1127.1	M - 6X8 (PVDF+ EP+CE) pump K	€ 66,00
020.1128.1	M - 6X8 (PVDF+ FP+CE) pump K	€ 66,00
020.1524.1	M - 6X8 (PVDF+WAX+CE) pump K	€ 66,00
020.1907.1	M - 6X8 (PP+EP+CE) pump K	€ 66,00
020.1590.1	M - 6X8 (PP+FP+CE) pump K	€ 66,00
020.1634.1	N - 6x8 (PVDF+FP+CE) pump AMS/T	€ 105,00
020.1492.1	N - 6x8 (PVDF+WAX+CE) pump AMS/T	€ 105,00
020.1635.1	N - 6x8 (PVDF+EP+CE) pump AMS/T	€ 105,00
020.1820.1	N - 6x8 (PP+EP+CE) pump AMS/T	€ 105,00
020.1963.1	N - 6x8 (PP+FP+CE) pump AMS/T	€ 105,00
020.1297.1	N - 8x10 (injection) - 8x12 (suction) (PVDF+FP+CE) pump AMS AC /T AC 1050 reinforced	€ 149,00
020.1298.1	N - 8x10 (injection) - 8x12 (suction) (PVDF+EP+CE) pump AMS AC /T AC 1050 reinforced	€ 149,00
020.1636.1	S - 8x10 (injection) - 8x12 (suction) (PVDF+FP+CE) p. AMS/T	€ 210,00
020.1637.1	S - 8x10 (injection) - 8x12 (suction) (PVDF+EP+CE) p. AMS/T	€ 210,00
020.1845.1	S - 8x12 (injection/suction) (PP+EP+CE) pump AMS/T	€ 210,00
020.1638.1	T - 13x16 (injection) - 12x18 (suction) (PVDF+FP+CE) pump AMS/T	€ 210,00
020.1639.1	T - 13x16 (injection) - 12x18 (suction) (PVDF+EP+CE) pump AMS/T	€ 210,00

020.1668.1	T - 8x10 (injection) - 8x12 (suction) (PVDF+FP+CE) pump AMS/T	€ 210,00
020.1672.1	T - 8x10 (injection) - 8x12 (suction) (PVDF+EP+CE) pump AMS/T	€ 210,00
020.1295.1	T - 12x18 (injection/suction) (PVDF+FP+CE) pump AMS/T	€ 210,00
020.1296.1	T - 12x18 (injection/suction) (PVDF+EP+CE) pump AMS/T	€ 210,00
020.1838.1	T - 8X12 (injection/suction) (PP+EP+CE) pump AMS/T	€ 210,00
020.1640.1	L - 4x6 (PVDF+FP+CE) reinforced for AMS/T pump	€ 78,00
020.1641.1	L - 4x6 (PVDF+EP+CE) reinforced for AMS/T pump	€ 78,00
020.1783.1	L - 4x6 (PVDF+WAX+CE) reinforced for AMS/T pump	€ 78,00
020.1918.1	L - 4x6 (PP+EP+CE) reinforced for AMS/T pump	€ 78,00
020.2074.1	L - 4x6 (PP+FP+CE) reinforced for AMS/T pump	€ 78,00
020.1642.1	M - 4x6 (PVDF+FP+CE) reinforced for AMS/T pump	€ 78,00
020.1643.1	M - 4x6 (PVDF+EP+CE) reinforced for AMS/T pump	€ 78,00
020.2059.1	M - 4x6 (PVDF+WAX+CE) reinforced for AMS/T pump	€ 78,00
020.1919.1	M - 4x6 (PP+EP+CE) reinforced for AMS/T pump	€ 78,00
020.1644.1	M - 6x8 (PVDF+FP+CE) reinforced for AMS/T pump	€ 78,00
020.1645.1	M - 6x8 (PVDF+EP+CE) reinforced for AMS/T pump	€ 78,00
020.2060.1	M - 6x8 (PVDF+WAX+CE) reinforced for AMS/T pump	€ 78,00
020.1578.1	M - 6x8 (PP+EP+CE) reinforced for AMS/T pump	€ 78,00
020.1135.1	J - 4x6 (PVDF+FP+CE)	€ 45,70
020.1243.1	J - 4x6 (PVDF+EP+CE)	€ 45,70

#### VISCOUS LIQUIDS PUMP HEADS (LPV)

020.2048.1	L-LPV 8x12/16x22 (PMMA+FP+SS) for pump mod. AMS/T	€ 137,00
020.1816.1	M-LPV 8x12/16x22 (PMMA+FP+SS) for pump mod. AMS/T	€ 137,00
020.2102.1	M-LPV 8x12/16x22 (PMMA+EP+SS) for pump mod. AMS/T	€ 137,00
020.1999.1	N-LPV 8x12/16x22 (PMMA+FP+SS) for pump mod. AMS/T	€ 213,00
020.1973.1	S-LPV 8x12/16x22 (PMMA+FP+SS) for pump mod. AMS/T	€ 285,00
020.1987.1	T-LPV 8x12/16x22 (PMMA+FP+SS) for pump mod. AMS/T	€ 318,00
020.2427.1	T-LPV 8x12/16x22 (PMMA+EP+SS) for pump mod. AMS/T	€ 318,00
020.0014.1	L-LPV 8x12/16x22 (PMMA+FP+SS) for pump mod. K	€ 137,00
020.1449.1	L-LPV 8x12/16x22 (PMMA+EP+SS) for pump mod. K	€ 137,00
020.2004.1	M-LPV 8x12/16x22 (PMMA+FP+SS) for pump mod. K	€ 137,00

#### SELF VENTING PUMP HEADS

020.0587.1	AA - 4X8 (PMMA+EP+CE) pump H / K	€ 136,00
020.0839.1	AA- 4X8 (PMMA+FP+CE) pump H / K	€ 136,00
020.0335.1	BA- 4X6 (PMMA+EP+CE) pump CMS	€ 136,00
020.0336.1	BA- 4X6 (PMMA+FP+CE) pump CMS	€ 136,00
020.0688.1	BA- 4X6 (PMMA+EP+CE) pump G (80)	€ 136,00
020.0784.1	BA- 4X6 (PMMA+FP+CE) pump G (80)	€ 136,00
020.0794.1	BA- 4X6 (PMMA+EP+CE) pump H - K	€ 136,00
020.0310.1	CA- 4X8 (PMMA+FP+CE) pump CMS	€ 140,00
020.0880.1	CA- 4X6 (PMMA+FP+CE) F pump	€ 140,00
020.0840.1	CA- 4X6 (PMMA+FP+CE) pump G (110)	€ 140,00
020.0344.1	DA - 6X8 (PMMA+EP+CE) pump CMS - G	€ 207,00
020.0710.1	DA- 6X8 (PMMA+FP+CE) pump CMS - G	€ 207,00
020.0762.1	EA- 8X12 (PMMA+FP+CE) pump CMS - G	€ 277,00
020.0883.1	EA- 8X12 (PMMA+EP+CE) pump CMS - G	€ 277,00
020.0787.1	FA - 8X12 (PMMA+FP+CE) pump CMS - G	€ 318,00
020.0884.1	FA- 8X12 (PMMA+EP+CE) pump CMS - G	€ 318,00
020.1015.1	KA - 4x6 (PVDF+FP+CE) pump V	€ 42,80
020.1071.1	KA - 4x6 (PVDF+EP+CE) pump V	€ 42,80
020.1255.1	KA - 4x6 (PVDF+WAX+CE) pump V	€ 42,80
020.1581.1	KA - 4x6 (PP+EP+CE) pump V	€ 42,80
020.1167.1	KA - 4x8 (PVDF+FP+CE) pump V	€ 45,70
020.1198.1	KA - 4x8 (PVDF+EP+CE) pump V	€ 45,70



020.1287.1	KA - 4x8 (PVDF+WAX+CE) pump V	€ 42,80
020.1924.1	KA - 4x8 (PP+EP+CE) pump V	€ 45,70
020.1265.1	KA - 6x8 (PVDF+FP+CE) pump V	€ 45,70
020.0015.1	KA - 6x8 (PVDF+EP+CE) pump V	€ 45,70
020.1702.1	KA - 6x8 (PVDF+WAX+CE) pump V	€ 45,70
020.1925.1	KA - 6x8 (PP+EP+CE) pump V	€ 45,70
020.1129.1	LA - 4X6 (PVDF+ EP+CE) pump K	€ 66,00
020.1130.1	LA - 4X6 (PVDF+ FP+CE) pump K	€ 66,00
020.1144.1	LA - 4x6 (PVDF+WAX+CE) pump K	€ 66,00
020.1926.1	LA - 4x6 (PP+EP+CE) pump K	€ 66,00
020.1320.1	LA - 4X6 (PVDF+ FP+CE) reinforced for pump mod. K	€ 78,00
020.1321.1	LA - 4X6 (PVDF+ EP+CE) reinforced for pump mod. K	€ 78,00
020.1199.1	LA - 4x6 (PVDF+WAX+CE) reinforced for pump mod. K	€ 78,00
020.1597.1	LA - 4x6 (PP+EP+CE) reinforced for pump mod. K	€ 78,00
020.1131.1	MA - 6X8 (PVDF+ EP+CE) pump K	€ 66,00
020.1132.1	MA - 6X8 (PVDF+ FP+CE) pump K	€ 66,00
020.1162.1	IA - 4x6 (PVDF+FP+CE) reinforced for pump mod. K	€ 78,00
020.1163.1	IA - 4x6 (PVDF+EP+CE) reinforced for pump mod. K	€ 78,00
020.1625.1	IA - 4x6 (PVDF+WAX+CE) pump K	€ 66,00
020.1701.1	IA - 4x6 (PVDF+FP+CE) pump K	€ 66,00
020.1262.1	IA - 4x6 (PVDF+EP+CE) pump K	€ 66,00
020.1526.1	IA - 4x6 (PVDF+WAX+CE) reinforced for pump mod. K	€ 78,00
020.2052.1	IA - 4x6 (PP+EP+CE) pump K	€ 66,00
020.1928.1	IA - 4x6 (PP+EP+CE) reinforced for pump mod. K	€ 78,00
020.1196.1	JA - 4x8 (PVDF+FP+CE) pump V	€ 45,70
020.1197.1	JA - 4x8 (PVDF+EP+CE) pump V	€ 45,70
020.2050.1	JA - 4x8 (PVDF+WAX+CE) pump V	€ 45,70
020.1646.1	LA - 4x6 (PVDF+FP+CE) reinforced for AMS/T pump	€ 78,00
020.1647.1	LA - 4x6 (PVDF+EP+CE) reinforced for AMS/T pump	€ 78,00
020.2057.1	LA - 4x6 (PVDF+WAX+CE) reinforced for AMS/T pump	€ 78,00
020.1929.1	LA - 4x6 (PP+EP+CE) reinforced for AMS/T pump	€ 78,00
020.1648.1	MA - 4x6 (PVDF+FP+CE) reinforced for AMS/T pump	€ 78,00
020.1649.1	MA - 4x6 (PVDF+EP+CE) reinforced for AMS/T pump	€ 78,00
020.2062.1	MA - 4x6 (PVDF+WAX+CE) reinforced for AMS/T pump	€ 78,00
020.1930.1	MA - 4x6 (PP+EP+CE) reinforced for AMS/T pump	€ 78,00
020.1650.1	MA - 6x8 (PVDF+FP+CE) reinforced for AMS/T pump	€ 78,00
020.1651.1	MA - 6x8 (PVDF+EP+CE) reinforced for AMS/T pump	€ 78,00
020.2061.1	MA - 6x8 (PVDF+WAX+CE) reinforced for AMS/T pump	€ 78,00
020.1931.1	MA - 6x8 (PP+EP+CE) reinforced for AMS/T pump	€ 78,00
020.2058.1	MA - 6x8 (PVDF+WAX+CE) pump K	€ 66,00
020.1927.1	MA - 6x8 (PP+EP+CE) pump K	€ 66,00
020.1652.1	NA - 6x8 (PVDF+FP+CE) pump AMS/T	€ 105,00
020.1653.1	NA - 6x8 (PVDF+EP+CE) pump AMS/T	€ 105,00
020.2063.1	NA - 6x8 (PVDF+WAX+CE) pump AMS/T	€ 105,00
020.1932.1	NA - 6x8 (PP+EP+CE) pump AMS/T	€ 105,00
020.1530.1	SA 8X10 (injection) - 8X12 (suction) (PVDF+FP+CE)	€ 210,00
020.1531.1	SA 8X10 (injection) - 8X12 (suction) (PVDF+EP+CE)	€ 210,00
020.1933.1	SA 8X12 (PP+EP+CE) pump AMS/T	€ 210,00
020.1796.1	TA 8X10 (injection) - 8X12 (suction) (PVDF+FP+CE)	€ 210,00
020.1797.1	TA 8X10 (injection) - 8X12 (suction) (PVDF+EP+CE)	€ 210,00
020.1934.1	TA 8X12 (PP+EP+CE) pump AMS/T	€ 210,00
020.1567.1	TA 13X16 (injection) - 12X18 (suction) (PVDF+FP+CE)	€ 210,00
020.1798.1	TA 13X16 (injection) - 12X18 (suction) (PVDF+EP+CE)	€ 210,00
020.1799.1	TA 12X18 (PVDF+FP+CE) pump AMS/T	€ 210,00
020.1800.1	TA 12X18 (PVDF+EP+CE) pump AMS/T	€ 210,00

## ORING

026.0042.0	or 5-212 VITON 3/8"	€ 1,09
026.0045.0	or 5-212 EPDM 3/8"	€ 1,09
026.0150.0	or 2-111 VITON 1/2"	€ 1,09
026.0143.0	or 2-111 EPDM 1/2"	€ 1,09
026.0053.0	or 2-119 FKM B 23,47 x 2,62 pump head i/j/a	€ 2,41

026.0059.0	or 2-119 epdm 23,47x2,62 pump head i/j/a	€ 2,41
026.0009.0	or 2-127 FKM B 36,17x2,62 pump head k/l/pcs/b/r	€ 3,01
026.0007.0	or 2-127 epdm 36,17x2,62 pump head k/l/pcs/b/r	€ 3,01
026.0013.0	or 2-134 FKM B 47,29x2,62 pump head c	€ 6,14
026.0002.0	or 2-134 epdm 47,29x2,62 pump head c	€ 6,14
026.0054.0	or 2-135 FKM B 48,90x2,62 pump head m	€ 6,14
026.0058.0	or 2-135 epdm 48,90x2,62 pump head m	€ 6,14
026.0220.0	or 2-144 FKM B 63,17x2,62 pump head n/d	€ 6,49
026.0223.0	or 2-144 epdm 63,17x2,62 pump head n/d	€ 6,49
026.0416.0	or 2-234 FKM B 75,79x3,53 pump head e/s	€ 12,50
026.0027.0	or 2-234 epdm 75,79x3,53 pump head e/s	€ 12,50
026.0117.0	or 2-237 FKM B 85,32x3,53 pump head t/f	€ 13,70
026.0119.0	or 2-237 epdm 85,32x3,53 pump head t/f	€ 13,70

## DIAPHRAGM

018.0001.0	DIAPHRAGM (PTFE) for pump head "PCS" / "K" (pump F/C/V)	€ 12,50
110.0733.1	DIAPHRAGM (PTFE) for pump head "K"	€ 13,70
018.0030.0	DIAPHRAGM (PTFE) for pump head "G" (pump H/K)	€ 49,50
018.0027.0	DIAPHRAGM (PTFE) for pump head "A" / "I" / "J" (pump H/G/K/V/F)	€ 16,50
018.0033.0	DIAPHRAGM (PTFE) for pump head "B" / "L" (pump CMS/G/H/K/AMS/T)	€ 17,80
018.0004.0	DIAPHRAGM (PTFE) for pump head "C" / "M" (pump CMS/G/K/H/F/AMS/T)	€ 19,60
018.0022.0	DIAPHRAGM (PTFE) for pump head "D" / "N" (pump CMS/G/AMS/T)	€ 33,90
018.0003.0	DIAPHRAGM (PTFE) for pump head "E" / "S" (pump CMS/G/AMS/T)	€ 49,40
018.0028.0	DIAPHRAGM (PTFE) for pump head "F" (pump CMS/G)	€ 70,00
018.0045.0	DIAPHRAGM (PTFE) for pump head "T" (pump AMS/T)	€ 82,00
018.0005.0	DIAPHRAGM for pump head "NM" (PRIUS) / AMS AC / T AC	€ 59,00

## AXIAL FOOT FILTER

074.0570.1	Axial foot filter 1/2" 4x6 (PVDF+FP+CE)	€ 21,60
074.0571.1	Axial foot filter 1/2" 4x6 (PVDF+EP+CE)	€ 21,60
074.0572.1	Axial foot filter 1/2" 4x6 (PVDF+WAX+CE)	€ 21,60
074.0666.1	Axial foot filter 1/2" 4x6 (PP+EP+CE)	€ 21,60
074.0576.1	Axial foot filter 1/2" 4x8 (PVDF+FP+CE)	€ 24,10
074.0596.1	Axial foot filter 1/2" 4x8 (PVDF+EP+CE)	€ 24,10
074.0643.1	Axial foot filter 1/2" 4x8 (PVDF+WAX+CE)	€ 24,10
074.0704.1	Axial foot filter 1/2" 4x8 (PP+EP+CE)	€ 24,10
074.0577.1	Axial foot filter 1/2" 6x8 (PVDF+FP+CE)	€ 21,60
074.0597.1	Axial foot filter 1/2" 6x8 (PVDF+EP+CE)	€ 21,60
074.0640.1	Axial foot filter 1/2" 6X8 (PVDF+WAX+CE)	€ 21,60
074.0687.1	Axial foot filter 1/2" 6X8 (PP+EP+CE)	€ 21,60
074.0578.1	Axial foot filter 1/2" 8x10 (PVDF+FP+CE)	€ 24,10
074.0598.1	Axial foot filter 1/2" 8x10 (PVDF+EP+CE)	€ 24,10
074.0739.1	Axial foot filter 1/2" 8X10 (PVDF+WAX+CE)	€ 24,10
074.0689.1	Axial foot filter 1/2" 8X10 (PP+EP+CE)	€ 24,10
074.0579.1	Axial foot filter 1/2" 8x12 (PVDF+FP+CE)	€ 24,10
074.0599.1	Axial foot filter 1/2" 8x12 (PVDF+EP+CE)	€ 24,10
074.0740.1	Axial foot filter 1/2" 8X12 (PVDF+WAX+CE)	€ 24,10
074.0696.1	Axial foot filter 1/2" 8X12 (PP+EP+CE)	€ 24,10
074.0600.1	Axial foot filter 1/2" 12x18 (PVDF+FP+CE)	€ 31,60
074.0601.1	Axial foot filter 1/2" 12x18 (PVDF+EP+CE)	€ 31,60
074.0741.1	Axial foot filter 1/2" 12X18 (PVDF+WAX+CE)	€ 31,60
074.0705.1	Axial foot filter 1/2" 12X18 (PP+EP+CE)	€ 31,60
074.0655.1	Axial foot filter 1/2" 13X16 (PVDF+FP+CE)	€ 31,60
074.0726.1	Axial foot filter 1/2" 13X16 (PVDF+EP+CE)	€ 31,60
074.0736.1	Axial foot filter 1/2" 13X16 (PP+EP+CE)	€ 31,60



**HOSE HOLDING KIT**

110.6843.1	3/8" 4X6 PUMP HEAD J/K/L/M PVDF	€ 4,22
110.0979.1	3/8" 4X6 PUMP HEAD J/K/L/M PP	€ 4,22
110.6844.1	1/2" 4X6 FILTER/INJECTION PVDF	€ 5,54
110.0990.1	1/2" 4X6 FILTER/INJECTION PP	€ 5,54
110.0974.1	1/2" 6X8 PUMP HEAD N-NA PVDF	€ 5,54
110.1016.1	1/2" 6X8 PUMP HEAD N-NA PP	€ 5,54
110.1028.1	3/4" 8X10 PUMP HEAD S-T PVDF	€ 12,90
110.1107.1	3/4" 8X10 PUMP HEAD S-T PP	€ 12,90
110.1021.1	3/4" 8X12 PUMP HEAD S-T PVDF	€ 12,90
110.1039.1	3/4" 8X12 PUMP HEAD S-T PP	€ 12,90
110.1023.1	3/4" 12X18-13X16 PUMP HEAD T PVDF	€ 19,80
110.1068.1	3/4" 12X18-13X16 PUMP HEAD T PP	€ 19,80
110.1025.1	1/2" 12X18-13X16 FILTER PVDF	€ 19,80
110.1072.1	1/2" 12X18-13X16 FILTER PP	€ 19,80

**SELF VENTING KITS**

025.0601.1	PCS 4x6 (PP+FP+CE)	€ 6,86
025.0454.1	PCS 4x6 (PP+EP+CE)	€ 6,86
025.0675.1	PCS 4x6 (PVDF+FP+CE)	€ 17,80
025.0576.1	for pump head mod. B-C (PP+FP+CE)	€ 6,86
025.0603.1	for pump head mod. B-C (PP+EP+CE)	€ 6,86
025.0674.1	for pump head mod. B-C (PVDF+FP+CE)	€ 17,80
025.0577.1	for pump head mod. D-E-F (PP+FP+CE)	€ 13,10
025.0650.1	for pump head mod. D-E-F (PP+EP+CE)	€ 13,10
025.0658.1	for pump head mod. D-E-F (PVDF+FP+CE)	€ 29,30
025.0894.1	for pump head mod. I/L/M/J/K (PVDF + FP)	€ 9,27
025.0895.1	for pump head mod. I/L/M/J/K (PVDF + EP)	€ 9,27
025.1268.1	for pump head mod. I/L/M/J/K (PP + EP)	€ 6,86
025.1315.1	for pump head mod. N/P/S/T (PP + EP)	€ 9,27
025.1316.1	for pump head mod. N/P/S/T (PVDF + FP)	€ 9,27
025.1317.1	for pump head mod. N/P/S/T (PVDF + EP)	€ 9,27

**LEVEL PROBE**

076.0149.1	Axial level filter 1/2" (PVDF + FP)	€ 21,60
076.0150.1	Axial level filter 1/2" (PVDF + EP)	€ 21,60
076.0147.1	Level probe with axial foot filter 1/2" 4x6 N.O. contact (PVDF+FP+CE)	€ 42,80
076.0148.1	Level probe with axial foot filter 1/2" 4x6 N.O. contact (PVDF+EP+CE)	€ 42,80
076.0182.1	Level probe with axial foot filter 1/2" 4X6 (PVDF+WAX+CE) N.O.	€ 42,80
076.0339.1	Level probe with axial foot filter 1/2" 4X6 (PP+EP+CE) N.O.	€ 42,80
076.0198.1	Level probe with axial foot filter 1/2" 4x8 N.O. contact (PVDF+FP+CE)	€ 45,70
076.0199.1	Level probe with axial foot filter 1/2" 4x8 N.O. contact (PVD-F+EP+CE)	€ 45,70
076.0218.1	Level probe with axial foot filter 1/2" 4X8 (PVDF+WAX+CE) N.O.	€ 45,70
076.0367.1	Level probe with axial foot filter 1/2" 4X8 (PP+EP+CE) N.O.	€ 45,70
076.0200.1	Level probe with axial foot filter 1/2" 6x8 N.O. contact (PVDF+FP+CE)	€ 42,80
076.0201.1	Level probe with axial foot filter 1/2" 6x8 N.O. contact (PVD-F+EP+CE)	€ 42,80
076.0166.1	Level probe with axial foot filter 1/2" 6X8 (PVDF+WAX+CE) N.O.	€ 42,80
076.0344.1	Level probe with axial foot filter 1/2" 6X8 (PP+EP+CE) N.O.	€ 42,80
076.0202.1	Level probe with axial foot filter 1/2" 8x10 N.O. contact (PVDF+FP+CE)	€ 45,70
076.0203.1	Level probe with axial foot filter 1/2" 8x10 N.O. contact (PVDF+EP+CE)	€ 45,70
076.0408.1	Level probe with axial foot filter 1/2" 8x10 N.O. contact (PP+EP+CE)	€ 45,70
076.0496.1	Level probe with axial foot filter 1/2" 8X10 (PVDF+WAX+CE) N.O.	€ 45,70

076.0204.1	Level probe with axial foot filter 1/2" 8x12 N.O. contact (PVDF+FP+CE)	€ 45,70
076.0205.1	Level probe with axial foot filter 1/2" 8x12 N.O. contact (PVDF+EP+CE)	€ 45,70
076.0497.1	Level probe with axial foot filter 1/2" 8X12 (PVDF+WAX+CE) N.O.	€ 45,70
076.0158.1	Level probe with axial foot filter 1/2" 8X12 (PP+EP+CE) N.O.	€ 45,70
076.0206.1	Level probe with axial foot filter 1/2" 12x18 N.O. contact (PVDF+FP+CE)	€ 52,00
076.0207.1	Level probe with axial foot filter 1/2" 12x18 N.O. contact (PVD+ EP+CE)	€ 52,00
076.0498.1	Level probe with axial foot filter 1/2" 12X18 (PVDF+WAX+CE) N.O.	€ 52,00
076.0331.1	Level probe with axial foot filter 1/2" 12X18 (PP+EP+CE) N.O.	€ 52,00
076.0310.1	Level probe with axial foot filter 1/2" 13X16 (PVDF+FP+CE) N.O.	€ 52,00
	Extraprice cable per meter	€ 1,93

**HOSES****MINIMUM CUTS: 25 m**

049.0359.0	4x6	PVC	reel 25 m	€ 24,10
049.0551.0	4x6	PVC	extra price per metre (max 100 m)	€ 0,96/m
049.0511.0	4x8	PVC	reel 25 m	€ 45,20
059.0054.0	4x8	PVC	extra price per metre (max 100 m)	€ 1,81/m
049.0330.0	8x12	PVC	reel 25 m	€ 55,00
059.0004.0	8x12	PVC	extra price per metre (max 100 m)	€ 2,16/m
049.0496.0	4x6	PE	reel 25 m	€ 27,10
049.0092.0	4x6	PE	extra price per metre (max 200 m)	€ 1,09/m
049.0590.0	4x8	PE	reel 25 m	€ 61,00
059.0038.0	4x8	PE	extra price per metre (max 100 m)	€ 2,41/m
049.0269.0	6x8	PE	reel 25 m	€ 30,10
059.0010.0	6x8	PE	extra price per metre (max 200 m)	€ 1,20/m
049.0532.0	12x15	PE	reel 25 m	€ 85,00
059.0200.0	12x15	PE	extra price per metre (max 100 m)	€ 3,37/m

**MINIMUM CUTS: 5 m**

049.0507.0	18x25	PE	reel 5 m	€ 33,70
059.0944.0	18x25	PE	extra price per metre (max 50 m)	€ 6,48/m
049.0432.0	12x18	PVC retinato	reel 5 m	€ 30,70
059.0005.0	12x18	PVC retinato	extra price per metre (max 50 m)	€ 6,01/m
049.0284.0	4x6	PVDF	reel 5 m	€ 28,10
059.0057.0	4x6	PVDF	extra price per metre (max 200 m)	€ 5,66/m
049.0366.0	6x8	PVDF	reel 5 m	€ 38,50
059.0014.0	6x8	PVDF	reel 200 m	€ 1540,00
049.0312.0	8x10	PVDF	reel 5 m	€ 44,50
059.0067.0	8x10	PVDF	reel 200 m	€ 1779,00

**MAX CUTS: 50 m**

049.0482.0	8x12	PE	reel 50 m reel	€ 156,00
059.0002.0	8x12	PE	extra price per metre (max 200 m)	€ 3,14/m

**MINIMUM CUTS: 1 m (price per metre)**

049.1839.0	18x22	PVDF	extra price per metre (max 50 m)	€ 38,90/m
049.0637.0	16x22	PVC	extra price per metre (max 50 m)	€ 5,66/m
059.0066.0	13x16	PVDF	extra price per metre (max 100 m)	€ 29,30/m
059.0158.0	32,4x42	PVC retinato	extra price per metre (max 25 m)	€ 31,60/m
059.0921.0	30x38	PVC spiralato	extra price per metre (max 25 m)	€ 31,60/m

**SUCTION/DELIVERY VALVES**

025.0459.1	Suction-delivery valve 3/8" 4x6 (PP+FP+CE)	€ 11,00
025.0436.1	Suction-delivery valve 3/8" 4x6 (PP+EP+CE)	€ 11,00
025.0424.1	Suction-delivery valve 3/8" 4x6 (PVDF+FP+CE)	€ 21,00
025.0512.1	Suction-delivery valve 3/8" 4x8 (PP+FP+CE)	€ 11,90
025.0571.1	Suction-delivery valve 3/8" 4x8 (PP+EP+CE)	€ 11,90
025.0541.1	Suction-delivery valve 1/2" 6x8 (PP+FP+CE)	€ 21,00
025.0437.1	Suction-delivery valve 1/2" 6x8 (PP+EP+CE)	€ 21,00

025.0552.1	Suction-delivery valve 1/2" 6x8 (PVDF+FP+CE)	€ 41,40
025.0591.1	Suction-delivery valve 1/2" 8x12 (PP+FP+CE)	€ 21,00
025.0614.1	Suction-delivery valve 1/2" 8x12 (PP+EP+CE)	€ 21,00
025.0554.1	Suction-delivery valve 1/2" 8x10 (PVDF+FP+CE)	€ 44,50
025.0608.1	Suction-delivery valve 1/2" 12x18 (PP+EP+CE)	€ 21,00
025.0615.1	Suction-delivery valve 1/2" 12x18 (PP+FP+CE)	€ 21,00
025.0628.1	Suction-delivery valve 1/2" 13x16 (PVDF+FP+CE)	€ 44,50
025.0717.1	Delivery valve 3/8" 4x6 (SS+FP+SS) (AISI 316L)	€ 120,00
025.0824.1	Delivery valve 1/2" 6x8 (SS+FP+SS) (AISI 316L)	€ 167,00
025.0825.1	Suction-delivery valve 1/2" 6x8 (SS+FP+SS) (AISI 316L)	€ 167,00
025.0812.1	Delivery kit pump head I/L/K/M/J 4x6 (PVDF + FP + CE)	€ 13,30
025.0907.1	Delivery kit pump head I/L/K/M/J 4x6 (PVDF + EP + CE)	€ 13,30
025.0915.1	Delivery kit pump head J/K 4x8 (PVDF + FP + CE)	€ 14,70
025.0916.1	Delivery kit pump head J/K 4x8 (PVDF + EP + CE)	€ 14,70
025.1257.1	Delivery kit pump head M/K 6x8 (PVDF + FP + CE)	€ 13,30
025.1258.1	Delivery kit pump head M/K 6x8 (PVDF + EP + CE)	€ 13,30
025.0605.1	Delivery valve 3/8" 4x8 (FP+CE+SPRING)	€ 11,90
025.0533.1	Delivery valve 3/8" 4x8 (EP+CE+SPRING)	€ 11,90
025.0599.1	Delivery valve 1/2" 6x8 (FP+CE+SPRING)	€ 21,00
025.0653.1	Delivery valve 1/2" 6x8 (EP+CE+SPRING)	€ 21,00
025.0124.1	Suction-delivery valve 1/2" 8X12 (FP+CE+SPRING)	€ 21,00
025.0826.1	Delivery valve 1/2" 8X12 (EP+CE+SPRING)	€ 21,00
025.0811.1	Suction kit pump head I/L/K 4x6 (PVDF+FP+CE)	€ 14,70
025.0906.1	Suction kit pump head I/L/K 4x6 (PVDF+EP+CE)	€ 14,70
025.0913.1	Suction kit pump head J/K/L/M 4x8 (PVDF+FP+CE)	€ 15,90
025.0914.1	Suction kit pump head J/K/L/M 4x8 (PVDF+EP+CE)	€ 15,90
025.1255.1	Suction kit pump head I/J/L/M/K 6x8 (PVDF+FP+CE)	€ 14,70
025.1256.1	Suction kit pump head M/K 6x8 (PVDF+EP+CE)	€ 14,70
025.1042.1	Delivery kit pump head IA/LA/KA/MA/JA 4x6 (PVDF+F-P+CE+SPRING)	€ 13,30
025.1259.1	Delivery kit pump head IA/LA/KA/MA/JA 4x6 (PVD-F+EP+CE+SPRING)	€ 13,30
025.0927.1	Delivery kit pump head JA/KA 4x8 (PVDF+FP+CE+SPRING)	€ 14,70
025.1260.1	Delivery kit pump head JA/KA 4x8 (PVDF+EP+CE+SPRING)	€ 14,70
025.1261.1	Delivery kit pump head MA 6x8 (FP+CE+SPRING)	€ 13,30
025.1358.1	Delivery kit pump head MA 6x8 (PVDF+FP+CE)	€ 14,70
025.1262.1	Delivery kit pump head MA 6x8 (PVDF+EP+CE+SPRING)	€ 13,30
025.1318.1	Suction kit pump head N/P 6x8 (PVDF+FP+CE)	€ 19,80
025.1319.1	Suction kit pump head N/P 6x8 (PVDF+EP+CE)	€ 19,80
025.1320.1	Suction kit pump head S/T 8x12 (PVDF+FP+CE)	€ 38,90
025.1321.1	Suction kit pump head S/T 8x12 (PVDF+EP+CE)	€ 38,90
025.1322.1	Suction kit pump head S/T 12x18 (PVDF+FP+CE)	€ 44,50
025.1323.1	Suction kit pump head S/T 12x18 (PVDF+EP+CE)	€ 44,50
025.1324.1	Delivery kit pump head N 6x8 (PVDF+FP+CE)	€ 18,10
025.1325.1	Delivery kit pump head N 6x8 (PVDF+EP+CE)	€ 18,10
025.1326.1	Delivery kit pump head NA 6x8 (PVDF+FP+CE+C276)	€ 15,40
025.1327.1	Delivery kit pump head NA 6x8 (PVDF+EP+CE+C276)	€ 15,40
025.1330.1	Delivery kit pump head S/T 8x10 (PVDF+FP+CE)	€ 38,90
025.1331.1	Delivery kit pump head S/T 8x10 (PVDF+EP+CE)	€ 38,90
025.1344.1	Delivery kit pump head S/T 12x18/13x16 (PVDF+FP+CE)	€ 45,70
025.1345.1	Delivery kit pump head S/T 12x18/13x16 (PVDF+EP+CE)	€ 45,70
025.1583.1	Suction kit pump head NM 12x18/13x16 (PVDF+FP+CE)	€ 35,30
025.1584.1	Suction kit pump head NM 12x18/13x16 (PVDF+EP+CE)	€ 35,30
025.1585.1	Suction kit pump head NM 8x12 (PVDF+FP+CE)	€ 28,50
025.1586.1	Suction kit pump head NM 8x12 (PVDF+EP+CE)	€ 28,50
025.1587.1	Suction kit pump head TM 12x18/13x16 (PVDF+FP+CE)	€ 44,50
025.1588.1	Suction kit pump head TM 12x18/13x16 (PVDF+EP+CE)	€ 44,50
025.1589.1	Suction kit pump head TM 18x22 (PVDF+FP+CE)	€ 48,20
025.1590.1	Suction kit pump head TM 18x22 (PVDF+EP+CE)	€ 48,20
025.1806.1	Suction-delivery kit pump head UM 1-1/2" (PVC+FP+GL)	€ 68,00
025.1592.1	Delivery kit pump head NM 12x18/13x16 (PVDF+FP+CE)	€ 33,90

025.1593.1	Delivery kit pump head NM 12x18/13x16 (PVDF+EP+CE)	€ 33,90
025.1594.1	Delivery kit pump head NM 8X10 (PVDF+FP+CE)	€ 27,20
025.1595.1	Delivery kit pump head NM 8X10 (PVDF+EP+CE)	€ 27,20
025.1596.1	Delivery kit pump head TM 12x18/13x16 (PVDF+FP+CE)	€ 43,00
025.1597.1	Delivery kit pump head TM 12x18/13x16 (PVDF+EP+CE)	€ 43,00
025.1598.1	Delivery kit pump head TM 18x22 (PVDF+FP+CE)	€ 45,70
025.1599.1	Delivery kit pump head TM 18x22 (PVDF+EP+CE)	€ 45,70

## EMPTY VALVES

025.0266.1	1/2" 4x6 PP+FP	€ 10,80
025.0006.1	1/2" 6x8 PP+FP	€ 11,20
025.0251.1	1/2" 8x12 PP+FP	€ 12,10
025.0567.1	1/2" 4x6 PVDF+FP	€ 20,30
025.0486.1	1/2" 6x8 PVDF+FP	€ 21,60
025.1303.1	1/2" 8x12 PVDF+FP	€ 24,10

## SELF-VENTING KIT

025.0587.1	PCA (PP+FP+CE)	€ 13,70
025.0586.1	PCA (PP+EP+CE)	€ 13,70
025.0829.1	for pump head mod. A/AA 4x8 (PP+FP+PTFE)	€ 13,70
025.0830.1	for pump head mod. A/B/C (PP+EP+CE)	€ 6,86
025.0721.1	for pump head mod. BA/CA 4x6 (PP+FP+CE)	€ 13,70
025.0827.1	for pump head mod. BA/CA 4x6 (PP+EP+CE)	€ 13,70
025.0679.1	for pump head mod. DA (PP+FP+CE)	€ 29,30
025.0708.1	for pump head mod. DA (PP+EP+CE)	€ 29,30
025.0594.1	for pump head mod. EA/FA 8X10 (PVDF+FP+CE)	€ 29,30
025.0828.1	for pump head mod. EA/FA (PP+EP+CE)	€ 29,30
025.0926.1	for pump head mod. IA/LA/KA/MA/JA 4x6 (PVDF+FP+CE)	€ 9,27
025.0910.1	for pump head mod. IA/LA/KA/MA/JA 4x6 (PVDF+EP+CE)	€ 9,27
025.0909.1	for pump head mod. JA/KA 4x8 (PVDF+FP+CE)	€ 15,40
025.1263.1	for pump head mod. JA/KA 4x8 (PVDF+EP+CE)	€ 15,40
025.1266.1	for pump head mod. KA/MA 6x8 (PVDF+FP+CE)	€ 15,40
025.1267.1	for pump head mod. MA 6x8 (PVDF+EP+CE)	€ 15,40
025.1328.1	for pump head mod. NA 6x8 (PVDF+FP+CE)	€ 18,10
025.1329.1	for pump head mod. NA 6x8 (PVDF+EP+CE)	€ 18,10
025.1581.1	for pump head mod. SA/TA (PVDF+FP+CE)	€ 9,27
025.1582.1	for pump head mod. SA/TA (PVDF+EP+CE)	€ 9,27

## INJECTION VALVE

073.0888.1	Injection valve 1/2" 4x6 (SS+FP+SS) (AISI 316L)	€ 168,00
073.0889.1	Injection valve 1/2" 6x8 (SS+FP+SS) (AISI 316L)	€ 168,00
073.1062.1	Complete injection valve 1/2" 4x6 (PVDF+FP+CE+C276)	€ 21,60
073.1065.1	Complete injection valve 1/2" 4x6 (PVDF+EP+CE+C276)	€ 21,60
073.1111.1	Complete injection valve 1/2" 4X6 (PVDF+WAX+CE)0,3 BAR	€ 21,60
073.1390.1	Complete injection valve 1/2" 4X6 (PP+EP+CE)0,3 BAR	€ 21,60
073.1078.1	Complete injection valve 1/2" 4x8 (PVDF+FP+CE+C276)	€ 21,60
073.1137.1	Complete injection valve 1/2" 4x8 (PVDF+EP+CE+C276)	€ 21,60
073.1167.1	Complete injection valve 1/2" 4X8 (PVDF+WAX+CE)0,3 BAR	€ 21,60
073.1541.1	Complete injection valve 1/2" 4X8 (PP+EP+CE)0,3 BAR	€ 21,60
073.1079.1	Complete injection valve 1/2" 6x8 (PVDF+FP+CE+C276)	€ 21,60
073.1112.1	Complete injection valve 1/2" 6x8 (PVDF+EP+CE+C276)	€ 21,60
073.1189.1	Complete injection valve 1/2" 6X8 (PVDF+WAX+CE)0,3 BAR	€ 21,60
073.1495.1	Complete injection valve 1/2" 6X8 (PP+EP+CE)0,3 BAR	€ 21,60
073.1080.1	Complete injection valve 1/2" 8x10 (PVDF+FP+CE+C276)	€ 21,60
073.1135.1	Complete injection valve 1/2" 8x10 (PVDF+EP+CE+C276)	€ 21,60
073.1337.1	Complete injection valve 1/2" 8X10 (PVDF+WAX+CE)0,3 BAR	€ 21,60
073.1524.1	Complete injection valve 1/2" 8X10 (PP+EP+CE)	€ 21,60
073.1081.1	Complete injection valve 1/2" 8x12 (PVDF+FP+CE+C276)	€ 21,60
073.1136.1	Complete injection valve 1/2" 8x12 (PVDF + EP + CE + C276)	€ 21,60

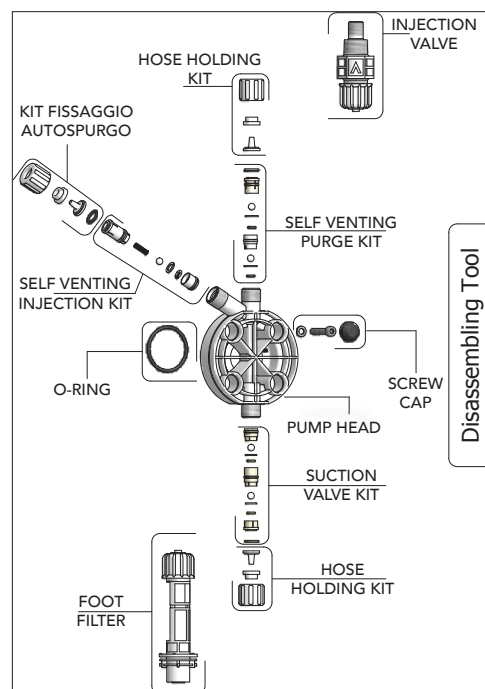
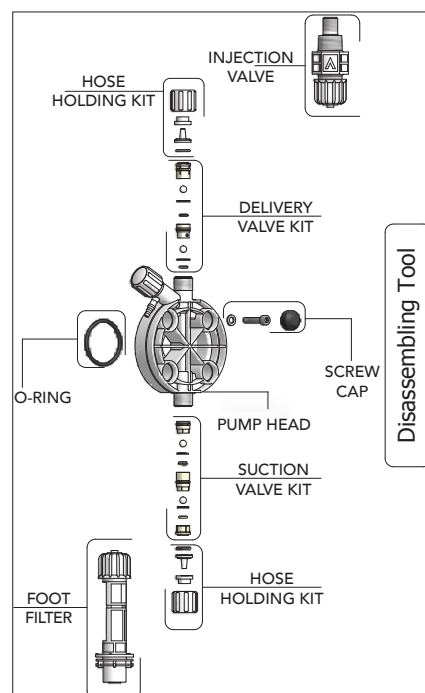
073.1606.1	Complete injection valve 1/2" 8X12 (PVDF+WAX+CE)0,3 BAR	€ 21,60
073.1405.1	Complete injection valve 1/2" 8X12 (PP+EP+CE)0,3 BAR	€ 21,60
073.1132.1	Complete injection valve 1/2" 12x18 (PVDF+FP+CE+C276)	€ 21,60
073.1133.1	Complete injection valve 1/2" 12x18 (PVDF+EP+CE+C276)	€ 21,60
073.1607.1	Complete injection valve 1/2" 12X18 (PVDF+WAX+CE)0,3 BAR	€ 21,60
073.1542.1	Complete injection valve 1/2" 12X18 (PP+EP+CE)0,3 BAR	€ 21,60
073.1214.1	Complete injection valve 3/4" 13x16 (PVDF+FP+CE+C276)	€ 38,90
073.1215.1	Complete injection valve 3/4" 13x16 (PVDF+EP+CE+C276)	€ 38,90
073.4618.1	Complete injection valve 3/4" 13x16 (PP+EP+CE) 0,3 BAR	€ 38,90
073.1212.1	Complete injection valve 3/4" 8x10 (PVDF+FP+CE+C276)	€ 32,70
073.1213.1	Complete injection valve 3/4" 8x10 (PVDF+EP+CE+C276)	€ 32,70
073.1608.1	Complete injection valve 3/4" 8X10 (PVDF+WAX+CE) 0,3 BAR	€ 32,70
073.4786.1	Complete injection valve 3/4" 8X10 (PP+EP+CE) 0,3 BAR	€ 32,70
073.1292.1	Complete injection valve 3/4" 8X12 (PVDF+FP+CE) 0,3 BAR	€ 32,70
073.1344.1	Complete injection valve 3/4" 8X12 (PVDF+EP+CE) 0,3 BAR	€ 32,70
073.1543.1	Complete injection valve 3/4" 8X12 (PP+EP+CE) 0,3 BAR	€ 32,70
073.0008.1	Complete injection valve 3/4" 12X18 (PVDF+FP+CE)	€ 38,90
073.0009.1	Complete injection valve 3/4" 12X18 (PVDF+EP+CE)	€ 38,90
073.1609.1	Complete injection valve 3/4" 12X18 (PVDF+WAX+CE)	€ 38,90
073.1394.1	Complete injection valve 3/4" 12X18 (PP+EP+CE) 0,3 BAR	€ 38,90
073.1610.1	Complete injection valve 3/4" 13X16 (PVDF+WAX+CE) 0,3 BAR	€ 38,90

NB: Standard injection valves are tested to operate at 0,3 bar. Ask dealer for different values.

## COMPLETE PUMP HEAD MAINTENANCE KITS

Use pump head code to order complete replacement kits. Kits are supplied into blistered packaging.

PVDF MAINTENANCE KIT			PP MAINTENANCE KIT		
110.0620.1	"J" PVDF+EP 4X8 V ASS.	€ 98,00	110.0514.1	"PCS" PP+FP	€ 82,00
110.0907.1	"J" PVDF+FP 4X8 V ASS.	€ 98,00	110.0532.1	"PCS" PP+EP	€ 82,00
110.0622.1	"JA" PVDF+EP 4X8 V ASS.	€ 98,00	110.0538.1	"BA" PP+FP 4x6 H/K pump	€ 93,00
110.0623.1	"JA" PVDF+FP 4X8 V ASS.	€ 98,00	110.0556.1	"BA" PP+EP 4x6 H/K pump	€ 93,00
110.0624.1	"K" PVDF+EP 4X6 V ASS.	€ 98,00	110.0611.1	"PCS" PP+WAX	€ 82,00
110.0625.1	"K" PVDF+FP 4X6 V ASS.	€ 98,00	110.0728.1	"G" PP+FP 6x8 H/K pump	€ 109,00
110.6682.1	"K" PVDF+EP 6X8 V ASS.	€ 98,00	110.0936.1	"I" PP+EP 4X6 K ASS. + RENFORCED	€ 129,00
110.0876.1	"K" PVDF+FP 6X8 V ASS.	€ 98,00	110.0954.1	"L" PP+EP 4X6 K ASS.	€ 118,00
110.0626.1	"KA" PVDF+EP 4X6 V ASS.	€ 98,00	110.0958.1	"LPV" PP+FP 8X12	€ 154,00
110.0627.1	"KA" PVDF+FP 4X6 V ASS.	€ 98,00	110.0969.1	"LA" PP+EP 4X6 K ASS. + RENFORCED	€ 129,00
110.6683.1	"KA" PVDF+FP 6X8 V ASS.	€ 98,00	110.6227.1	"IA" PP+EP 4X6 K ASS. + RENFORCED	€ 129,00
110.6684.1	"KA" PVDF+EP 6X8 V ASS.	€ 98,00	110.6676.1	"M" PP+EP 6X8 K ASS.	€ 118,00
110.9068.1	"I" PVDF+FP 4X6 K ASS.	€ 118,00	110.6678.1	"K" PP+EP 4X6 V ASS.	€ 98,00
110.0659.1	"I" PVDF+EP 4X6 K ASS. + RENFORCED	€ 129,00	110.6679.1	"B" PP+FP 4X6 H/K ASS.	€ 140,00
110.0658.1	"I" PVDF+FP 4X6 K ASS. + RENFORCED	€ 129,00	110.6699.1	"K" PP+EP+SS 4X6 V ASS.	€ 98,00
110.0730.1	"IA" PVDF+EP 4X6 K ASS. + RENFORCED	€ 129,00	110.6711.1	"L" PP+WAX+SS 4X6 K ASS.	€ 118,00
110.0680.1	"IA" PVDF+FP 4X6 K ASS. + RENFORCED	€ 129,00	110.6720.1	"T" PP+EP 12X18 AMS	€ 192,00
110.0661.1	"L" PVDF+EP 4X6 K ASS.	€ 118,00	110.6757.1	"N" PP+EP 8X12 AMS/T	€ 136,00
110.0660.1	"L" PVDF+FP 4X6 K ASS.	€ 118,00	110.6761.1	"K" PP+WAX 4X6 V ASS.	€ 98,00
110.6685.1	"L" PVDF+EP 4X6 K ASS. + RENFORCED	€ 129,00	110.6764.1	"N" PP+EP 6X8 AMS/T	€ 136,00
110.0955.1	"L" PVDF+FP 4X6 K ASS. + RENFORCED	€ 129,00	110.6782.1	"L" PP+EP 4X6 K ASS. + RENFORCED	€ 129,00
110.0675.1	"L" PVDF+EP 4X6 AMS ASS. RENFORCED	€ 129,00	110.6813.1	"T" PP+EP 12X18 AMS	€ 192,00
110.0863.1	"L" PVDF+FP 4X6 AMS ASS. RENFORCED	€ 129,00	110.6821.1	"T" PP+EP 8X12 AMS	€ 192,00
110.0681.1	"L" PVDF+EP 4X6 T ASS. RENFORCED	€ 129,00	110.6827.1	"S" PP+EP 8X12 AMS/T	€ 192,00
110.0682.1	"L" PVDF+FP 4X6 T ASS. RENFORCED	€ 129,00	110.6837.1	"I" PP+EP 4X8 K ASS. + RENFORCED	€ 129,00
110.0672.1	"LA" PVDF+EP 4X6 K ASS.	€ 118,00	110.8035.1	"LA" PP+EP 4X6 K ASS.	€ 118,00
110.0664.1	"LA" PVDF+FP 4X6 K ASS.	€ 118,00	110.9042.1	"I" PP+FP 4X8 K + RENFORCED	€ 129,00
110.0676.1	"LA" PVDF+EP 4X6 K ASS. RENFORCED	€ 129,00	110.9043.1	"L" PP+FP 4X6 K ASS. + RENFORCED	€ 129,00
110.0677.1	"LA" PVDF+FP 4X6 K ASS. RENFORCED	€ 129,00	110.9044.1	"I" PP+FP 4X6 K ASS. + RENFORCED	€ 129,00
110.0678.1	"LA" PVDF+EP 4X6 AMS ASS. RENFORCED	€ 129,00			
110.0679.1	"LA" PVDF+FP 4X6 AMS ASS. RENFORCED	€ 129,00			
110.0684.1	"LA PVDF+EP 4X6 T ASS. RENFORCED	€ 129,00			
110.0685.1	"LA PVDF+FP 4X6 T ASS. RENFORCED	€ 129,00			
110.0663.1	"M" PVDF+EP 6X8 K ASS	€ 118,00			
110.0662.1	"M" PVDF+FP 6X8 K ASS	€ 118,00			
110.0683.1	"M" PVDF+EP 4X6 AMS ASS + RENFORCED	€ 129,00			
110.0686.1	"M" PVDF+FP 4X6 AMS ASS + RENFORCED	€ 129,00			
110.0920.1	"M" PVDF+EP 6X8 AMS ASS + RENFORCED	€ 129,00			
110.0836.1	"M" PVDF+FP 6X8 AMS ASS + RENFORCED	€ 129,00			
110.0959.1	"MA" PVDF+EP 6X8 K ASS.	€ 118,00			
110.0665.1	"MA" PVDF+FP 6X8 K ASS	€ 118,00			
110.0687.1	"MA" PVDF+EP 4X6 AMS ASS. + RENFORCED	€ 129,00			
110.0864.1	"MA" PVDF+FP 4X6 AMS ASS. + RENFORCED	€ 129,00			
110.0688.1	"MA" PVDF+EP 6X8 AMS ASS. + RENFORCED	€ 129,00			
110.0914.1	"MA" PVDF+FP 6X8 AMS ASS. + RENFORCED	€ 129,00			
110.0689.1	"N" PVDF+EP 6X8 AMS/T	€ 136,00			
110.0690.1	"N" PVDF+FP 6X8 AMS/T	€ 136,00			
110.0865.1	"NA" PVDF+EP 6X8 AMS/T	€ 136,00			
110.0957.1	"NA" PVDF+FP+CE 6X8 AMS/T	€ 136,00			
110.0925.1	"S" PVDF+EP 8X10/8X12 AMS/T	€ 192,00			
110.0924.1	"S" PVDF+FP 8X10/8X12 AMS/T	€ 192,00			
110.0691.1	"SA" PVDF+EP 8X10/8X12 AMS/T	€ 192,00			
110.0692.1	"SA" PVDF+FP 8X10/8X12 AMS/T	€ 192,00			
110.0693.1	"T" PVDF+EP 8X10/8X12 AMS	€ 192,00			
110.0694.1	"T" PVDF+FP 8X10/8X12 AMS	€ 192,00			
110.0695.1	"TA" PVDF+EP 8X10/8X12 AMS	€ 192,00			
110.0696.1	"TA" PVDF+FP 8X10/8X12 AMS	€ 192,00			





**01**Stepper motor  
dosing pumps**02**Motor-driven  
dosing pumps**03**Solenoid-driven  
dosing pumps**04**Disinfection  
systems**05**Control  
instruments**06**Pulse emitting  
water meters**07**

Probes

**08**

Accessories

## Series LOTUS MINI

### Chlorine dioxide generator from 8 to 20 g/h

LOTUS MINI system produces, doses and controls Chlorine Dioxide for water disinfection.

Chlorine Dioxide is produced from diluted base chemicals: Hydrochloric Acid (HCl 9%) and Sodium Chlorite ( $\text{NaClO}_2$  7,5%), react together in a reaction chamber to form the chlorine dioxide required. Chlorine dioxide produced by LOTUS MINI is set to be proportional to the circulating water flow or based on a set-point – it is then dosed into the water flow. There is no storage of chlorine dioxide

therefore there is no chlorine dioxide gas or concentrated solutions outside of the process application.

Multi function valves on the injection points ensure the security of the reaction chamber.

The base chemicals are stored in tanks and fed into the reaction chamber through suction lances. Integrated level switches automatically stop the pumps when the tanks are empty.



#### ALARMS

- sepr alarm
- chlorine dioxide sensor alarm
- reactor leakage alarm

#### INPUTS

- sefl input
- stand-by input
- levels inputs
- temperature input
- probes inputs

#### OUTPUTS

- pumps output
- RS485 output
- 0-4/20 mA output
- alarm output





## FEATURES

- Instantaneous ClO<sub>2</sub> production
- ClO<sub>2</sub> dosing in PROPORTIONAL mode
- Flow control input (flow alarm)
- Tank level controls (level alarms)
- Water meter input
- Stand-by input
- Real time production data
- Pumps and SEFL flow sensors monitoring
- Permanent data storage with system data log (on Logbook menu)
- Service due date
- LOTUS control instrument
- ClO<sub>2</sub> probe reading (LOTUS MINI SVCL2 - LOTUS MINI SVCL17)
- Temperature probe reading (probe and accessories not included)
- mV probe reading (LOTUS MINI ERH)
- HCl (red) and NaClO<sub>2</sub> (blue) metering pumps
- Pump for dilution water (grey)
- 3 SEFL flow sensors as security
- MFKT/V multifunction valve as pressure, safety, anti-siphon and bleed valve
- PVC reaction chamber
- ASA (Acrylonitrile Styrene Acrylate) enclosure
- IP65 protection (NEMA4x) of LOTUS control instrument
- ENCODER wheel control
- Working temperature: 0-45°C (32-110°F)
- mA output

## Series \ LOTUS MINI

### Basic models

#### LOTUS MINI 8

Max capacity ClO<sub>2</sub>  
8 g/h

Max pressure  
8 bar

Max chemical consumption  
0.2 l/h / 0.2 l/h

#### LOTUS MINI 20

Max capacity ClO<sub>2</sub>  
20 g/h

Max pressure  
8 bar

Max chemical consumption  
0.5 l/h / 0.5 l/h

#### ■ LOTUS MINI 8

2 l configuratio

B - BASIC

€ 7507,00

E - ETHERNET

+ € 147,00

G - GSM

+ € 378,00

W - WIFI

+ € 200,00

S - MODBUS

+ € 129,00

#### ■ LOTUS MINI 20

€ 7693,00

+ € 147,00

+ € 378,00

+ € 200,00

+ € 129,00

GAS SENSOR option

+ € 488,00

## ■ LOTUS MINI 8 WITH PROBE

2 | configuratio

### ERH PROBE

B - BASIC	E - ETHERNET	G - GSM	W - WIFI	S - MODBUS
€ 8411,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00

### SVCL2 PROBE

€ 9358,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 10277,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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## ■ LOTUS MINI 20 WITH PROBE

### ERH PROBE

€ 8600,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL2 PROBE

€ 9547,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 10466,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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## Series LOTUS MAXI

### Chlorine dioxide generator from 80 to 1000 g/h

LOTUS MAXI is the largest product of our Chlorine Dioxide generators, is used in all those cases in which there is need of a big production, such as large water treatment plants.

Chlorine Dioxide is produced from diluted base chemicals: Hydrochloric Acid (HCl 9%) and Sodium Chlorite ( $\text{NaClO}_2$  7,5%), react together in a reaction chamber to form the chlorine dioxide required.

There is no storage of chlorine dioxide therefore there is no chlorine dioxide gas or concentrated solutions outside of the process application.

Chlorine dioxide produced by LOTUS MAXI is set to be proportional to the circulating water flow or based on a setpoint, it is then dosed into the water flow.



#### ALARMS

- sepr alarm
- chlorine dioxide sensor alarm
- reactor leakage alarm

#### INPUTS

- sefl input
- stand-by input
- levels inputs
- temperature input
- probes inputs

#### OUTPUTS

- pumps output
- RS485 output
- 0-4/20 mA output
- alarm output



## FEATURES

- Instantaneous  $\text{ClO}_2$  production
- $\text{ClO}_2$  dosing in proportional mode
- Flow control input (flow alarm)
- Tank level controls (level alarms)
- Water meter input
- Stand-by input
- Real time production data
- Pumps and SEFL flow sensors monitorin
- Permanent data storage with system data log (on Logbook menu)
- Service due date
- LOTUS control instrument
- $\text{HCl}$  (red) and  $\text{NaClO}_2$  (blue) metering pumps
- Pump for dilution water (grey)
- 3 SEFL flow sensors as securit
- MFKT/V multifunction valve as pressure, safety, anti-syphon and bleed valve
- PVC reaction chamber
- IP65 protection (NEMA4x) of LOTUS control instrument
- ENCODER wheel control
- Working temperature:  $0-45^\circ\text{C}$  ( $32-110^\circ\text{F}$ )
- mA output
- $\text{ClO}_2$  probe reading (LOTUS MAX SVCL2 - LOTUS MAXI SVCL17)
- Temperature probe reading (probe and accessories not included)
- mV probe reading (LOTUS MAXI ERH)

## Series LOTUS MAXI

### Basic models

LOTUS MAXI 80	LOTUS MAXI 160	LOTUS MAXI 240
ClO <sub>2</sub> max capacity 80 g/h	ClO <sub>2</sub> max capacity 160 g/h	ClO <sub>2</sub> max capacity 240 g/h
Max pressure 8 bar	Max pressure 8 bar	Max pressure 8 bar
Max chemical consumption 2 l/h - HCl 2 l/h - NaClO <sub>2</sub>	Max chemical consumption 4 l/h - HCl 4 l/h - NaClO <sub>2</sub>	Max chemical consumption 6 l/h - HCl 6 l/h - NaClO <sub>2</sub>

LOTUS MAXI 400	LOTUS MAXI 600	LOTUS MAXI 1000
ClO <sub>2</sub> max capacity 400 g/h	ClO <sub>2</sub> max capacity 600 g/h	ClO <sub>2</sub> max capacity 1000 g/h
Max pressure 8 bar	Max pressure 5 bar	Max pressure 4 bar
Max chemical consumption 10 l/h - HCl 10 l/h - NaClO <sub>2</sub>	Max chemical consumption 15 l/h - HCl 15 l/h - NaClO <sub>2</sub>	Max chemical consumption 25 l/h - HCl 25 l/h - NaClO <sub>2</sub>

#### ■ LOTUS MAXI 80

2 l configuration

B - BASIC	E - ETHERNET	G - GSM	W - WIFI	S - MODBUS
€ 9260,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS MAXI 160				
€ 9260,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS MAXI 240				
€ 9512,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS MAXI 400				
€ 10137,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS MAXI 600				
€ 11639,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS MAXI 1000				
€ 13639,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00

#### GAS SENSOR option

+ € 488,00

### ■ LOTUS MAXI 80 WITH PROBE

2 | configuratio

#### ERH PROBE

B - BASIC	E - ETHERNET	G - GSM	W - WIFI	S - MODBUS
€ 10164,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00

#### SVCL2 PROBE

€ 11111,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL17 PROBE

€ 12031,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### ■ LOTUS MAXI 160 WITH PROBE

2 | configuratio

#### ERH PROBE

€ 10164,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL2 PROBE

€ 11111,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL17 PROBE

€ 12031,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### ■ LOTUS MAXI 240 WITH PROBE

2 | configuratio

#### ERH PROBE

€ 10415,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL2 PROBE

€ 11363,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL17 PROBE

€ 12281,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### ■ LOTUS MAXI 400 WITH PROBE

2 | configuratio

#### ERH PROBE

€ 11040,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL2 PROBE

€ 11989,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL17 PROBE

€ 12906,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### ■ LOTUS MAXI 600 WITH PROBE

2 | configuratio

#### ERH PROBE

€ 12540,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL2 PROBE

€ 13489,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL17 PROBE

€ 14409,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### ■ LOTUS MAXI 1000 WITH PROBE

2 | configuratio

#### ERH PROBE

€ 14545,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL2 PROBE

€ 15491,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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#### SVCL17 PROBE

€ 16410,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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## Series LOTUS ULTRA

### Chlorine dioxide generator from 1 to 4 Kg/h

LOTUS ULTRA is the largest product of our Chlorine Dioxide generators, is used in all those cases in which there is need of a bigger production, such as very large water treatment plants.

Chlorine Dioxide is produced from concentrated base chemicals: Hydrochloric Acid (HCl 33%) and Sodium Chlorite (NaClO<sub>2</sub> 25%), react together in a reaction chamber to form the chlorine dioxide

required. There is no storage of chlorine dioxide therefore there is no chlorine dioxide gas or concentrated solutions outside of the process application.

Chlorine dioxide produced by LOTUS ULTRA is set to be proportional to the circulating water flow or based on a setpoint, it is then dosed into the water flow.



#### ALARMS

- sepr alarm
- chlorine dioxide sensor alarm
- reactor leakage alarm

#### INPUTS

- sefl input
- stand-by input
- levels inputs
- temperature input
- probes inputs

#### OUTPUTS

- pumps output
- RS485 output
- 0-4/20 mA output
- alarm output





## FEATURES

- Instantaneous  $\text{ClO}_2$  production
- $\text{ClO}_2$  dosing in proportional mode
- Flow control input (flow alarm)
- Tank level controls (level alarms)
- Water meter input
- Stand-by input
- Real time production data
- $\text{ClO}_2$  probe reading (LOTUS ULTRA SVCL2 - LOTUS ULTRA SVCL17)
- Temperature probe reading (probe and accessories not included)
- mV probe reading (LOTUS ULTRA ERH)
- Pumps and SEFL flow sensors monitoring
- Permanent data storage with system data log (on Logbook menu)
- Service due date
- LOTUS control instrument
- HCl (red) and  $\text{NaClO}_2$  (blue) metering pumps
- 2 pumps for dilution water (grey)
- 4 SEFL flow sensors as security
- MFKT/V multifunction valve as pressure, safety, anti-siphon and bleed valve PVDF reaction chamber
- IP65 protection (NEMA4x) of LOTUS control instrument
- ENCODER wheel control
- Working temperature: 0-45°C (32-110°F)
- mA output

## Series \ LOTUS ULTRA

### Basic models

#### LOTUS ULTRA 1

ClO<sub>2</sub> max capacity  
1000 g/h

#### LOTUS ULTRA 2

ClO<sub>2</sub> max capacity  
2000 g/h

#### LOTUS ULTRA 3

ClO<sub>2</sub> max capacity  
3000 g/h

#### LOTUS ULTRA 4

ClO<sub>2</sub> max capacity  
4000 g/h

#### ■ LOTUS ULTRA 1

2 l configuratio

B - BASIC	E - ETHERNET	G - GSM	W - WIFI	S - MODBUS
€ 18856,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS ULTRA 2				
€ 19475,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS ULTRA 3				
€ 20095,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS ULTRA 4				
€ 20715,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00

#### GAS SENSOR option

+ € 488,00

## ■ LOTUS ULTRA 1 WITH PROBE

2 | configuratio

### ERH PROBE

B - BASIC	E - ETHERNET	G - GSM	W - WIFI	S - MODBUS
€ 19759,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00

### SVCL2 PROBE

€ 20707,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 21625,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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## ■ LOTUS ULTRA 2 WITH PROBE

### ERH PROBE

€ 20378,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL2 PROBE

€ 21326,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 22244,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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## ■ LOTUS ULTRA 3 WITH PROBE

### ERH PROBE

€ 20998,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL2 PROBE

€ 21946,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 22864,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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## ■ LOTUS ULTRA 4 WITH PROBE

### ERH PROBE

€ 21617,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL2 PROBE

€ 22566,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 23483,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### GAS SENSOR option

+ € 488,00

## Series LOTUS AIR

### Pressure-less chlorine dioxide generator from 10 to 60 g/h

The LOTUS AIR pressure-less system produces, doses and controls Chlorine Dioxide for water disinfection basing on the circulating water.

It can be equipped with a  $\text{ClO}_2$  probe (SVCL2 or SVCL17) or a mV probe (ERH), a probe holder and a filter.

There is no requirement to handle chlorine dioxide as a gas, but instead two diluted 'precursor' chemicals, Hydrochloric Acid (HCl 9%) and Sodium Chlorite ( $\text{NaClO}_2$  7,5%), react together in a reac-

tion chamber to form the chlorine dioxide required. The reaction process of LOTUS AIR takes place at ATMOSPHERIC PRESSURE. Chlorine dioxide produced by LOTUS AIR is stocked into a tank and then dosed proportionally to the request. A multifunction valve guarantees the safety of the process.

Dosing is proportional to the volumetric flow rate. Chlorine dioxide is produced in a BATCH process.

An active carbon filter prevents from potential exhalations.



#### ALARMS

- product alarm
- product filling times alarm
- reactor levels alarm
- chlorine dioxide sensor alarm
- sepr alarm
- reading thresholds alarm

#### INPUTS

- water meter input
- stand-by input
- levels inputs
- 0-4/20 mA input
- probes inputs

#### OUTPUTS

- 0-4/20 mA output
- alarm output
- RS485 output



## FEATURES

- BATCH chlorine dioxide production
- ClO<sub>2</sub> dosing in proportional mode
- Multi-point injection
- Alarms: products, water, emptying
- Water meter input
- Stand-by input
- Real time production data
- ClO<sub>2</sub> probe reading (LOTUS AIR SVCL2 - LOTUS AIR SVCL17)
- Temperature probe reading (probe and accessories not included)
- mV probe reading (LOTUS AIR ERH)
- Pumps and SEFL flow sensors monitorin
- Service due date
- LOTUS AIR control instrument
- ERMES communication ClO<sub>2</sub> concentration measure
- PVDF ball valve for reaction chamber empty
- ClO<sub>2</sub> concentration: 2 gr/l (0,2%)
- LOTUS AIR control instrument
- 3 metering pumps: red HCl pump, blue NaClO<sub>2</sub> pump and grey
- ClO<sub>2</sub> pump
- Multifunction valve (MFKT/V)
- Double chamber: reaction and storage
- ASA (Acrylonitrile Styrene Acrylate) or fibre glass (Lotus Air 30/60 models) enclosure
- IP65 protection (NEMA4x) of LOTUS control instrument
- ENCODER wheel control
- Working temperature: 0-45°C (32-110°F)

## Series \ LOTUS AIR

### Basic models

LOTUS AIR 10	LOTUS AIR 30	LOTUS AIR 60
ClO <sub>2</sub> max capacity per hour 10 g/h	ClO <sub>2</sub> max capacity per hour 30 g/h	ClO <sub>2</sub> max capacity per hour 60 g/h
ClO <sub>2</sub> max capacity per day 240 g/die	ClO <sub>2</sub> max capacity per day 720 g/die	ClO <sub>2</sub> max capacity per day 1440 g/die
Max chemicals consumption 0,250 l/h - HCl 0,250 l/h - NaClO <sub>2</sub>	Max chemicals consumption 0,750 l/h - HCl 0,750 l/h - NaClO <sub>2</sub>	Max chemicals consumption 1,5 l/h - HCl 1,5 l/h - NaClO <sub>2</sub>
Dilution water consumption 5 l/h	Dilution water consumption 15 l/h	Dilution water consumption 30 l/h
Max pressure (feed water) 2 bar	Max pressure (feed water) 3 bar	Max pressure (feed water) 3 bar
Max pressure ClO <sub>2</sub> pump 8 bar	Max pressure ClO <sub>2</sub> pump 5 bar	Max pressure ClO <sub>2</sub> pump 5 bar

#### ■ LOTUS AIR 10

2 l configuratio

B - BASIC	E - ETHERNET	G - GSM	W - WIFI	S - MODBUS
€ 10637,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS AIR 30				
€ 13764,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
■ LOTUS AIR 60				
€ 15016,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00

#### GAS SENSOR option

+ € 488,00

## ■ LOTUS AIR 10 WITH PROBE

2 | configuratio

### ERH PROBE

B - BASIC	E - ETHERNET	G - GSM	W - WIFI	S - MODBUS
€ 11541,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00

### SVCL2 PROBE

€ 12490,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 13406,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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## ■ LOTUS AIR 30 WITH PROBE

### ERH PROBE

€ 14670,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL2 PROBE

€ 15618,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 16538,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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## ■ LOTUS AIR 60 WITH PROBE

### ERH PROBE

€ 15921,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL2 PROBE

€ 16870,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### SVCL17 PROBE

€ 17789,00	+ € 147,00	+ € 378,00	+ € 200,00	+ € 129,00
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### GAS SENSOR option

+ € 488,00

## Series LOTUS EASY

### Chlorine dioxide generator from 8 to 80 g/h

LOTUS EASY system produces, doses and controls Chlorine Dioxide for water disinfection.

Chlorine Dioxide is produced from diluted base chemicals: Hydrochloric Acid (HCl 9%) and Sodium Chlorite (NaClO<sub>2</sub> 7,5%), react together in a reaction chamber to form the chlorine dioxide required. Chlorine dioxide produced by LOTUS EASY is set to be proportion-

alto the circulating water flow .

There is no storage of chlorine dioxide therefore there is no chlorine dioxide gas or concentrated solutions outside of the process application.

Multi function valves on injection points ensure security of the reaction chamber.



#### ALARMS

- sefl alar
- bypass alarm
- acid/chlorine level alarm
- acid/chlorine sefl alar

#### INPUTS

- mA input
- stand-by input
- acid/chlorine level input
- bypass input
- acid/chlorine sefl inpu
- water meter input

#### OUTPUTS

- alarm output

## FEATURES

- › Instantaneous ClO<sub>2</sub> production
- › ClO<sub>2</sub> dosing in PROPORTIONAL mode
- › Level alarms
- › Water meter input
- › Stand-by input
- › Real time production data
- › Pumps and SEFL flow sensors monitorin
- › Service due date
- › Main voltage control
- › Out of range voltage alarm
- › By-pass input
- › mA (0-20mA) input





## Series \ LOTUS EASY

### Basic models

#### LOTUS EASY 8

ClO<sub>2</sub> max capacity  
8 g/h

ClO<sub>2</sub> max capacity  
192 g/die

Max chemicals consumption  
0,2 l/h - HCl  
0,2 l/h - NaClO<sub>2</sub>

Max pressure  
8 bar

#### LOTUS EASY 20

ClO<sub>2</sub> max capacity  
20 g/h

ClO<sub>2</sub> max capacity  
480 g/die

Max chemicals consumption  
0,5 l/h - HCl  
0,5 l/h - NaClO<sub>2</sub>

Max pressure  
8 bar

#### LOTUS EASY 40

ClO<sub>2</sub> max capacity  
40 g/h

ClO<sub>2</sub> max capacity  
960 g/die

Max chemicals consumption  
1 l/h - HCl  
1 l/h - NaClO<sub>2</sub>

Max pressure  
8 bar

#### LOTUS EASY 80

ClO<sub>2</sub> max capacity  
80 g/h

ClO<sub>2</sub> max capacity  
1920 g/die

Max chemicals consumption  
2 l/h - HCl  
2 l/h - NaClO<sub>2</sub>

Max pressure  
8 bar

#### ▪ LOTUS EASY 8

€ 5004,00

#### ▪ LOTUS EASY 20

€ 5004,00

#### ▪ LOTUS EASY 40

€ 5004,00

#### ▪ LOTUS EASY 80

€ 5004,00

# LOTUS ACCESSORIES AND SPARE PARTS

## CHLORINE DIOXIDE GAS SENSOR

code	model	description	price
10870671	<b>GAS SENSOR</b>	Sensor for chlorine dioxide gas detection.	€ 488,00



## STATIC MIXER

code	model	description	price
10860771	<b>MIX STATICO 1 1/4"</b>	PVC static mixer with PP mixing elements. 1 1/4" thread. Inspectionable. 1/2" injection valve - 4x6 / 0,3 bar.	€ 205,00



## SS FILTER

code	model	description	price
03300500	<b>SS FILTER</b>	1/2" stainless steel filter for hot water.	€ 113,00



## INJECTION VALVE

code	model	description	price
07310621	<b>INJECTION VALVE</b>	0,3 bar, PVDF body, FP oring, 1/2" 4x6	€ 21,60
07310791	<b>INJECTION VALVE</b>	0,3 bar, PVDF body, FP oring, 1/2" 6x8	€ 21,60



## MULTIFUNCTION VALVE

code	model	description	price
10821551	<b>MFKTS/V</b>	PVDF body, FKM B oring, 1/2" 4x6 or 4x8	€ 131,00
10870391	<b>MFKTS/V</b>	PVDF body, FKM B oring, 1/2" 6x8	€ 131,00



## SPARE VALVES FOR LOTUS AIR 10 G/H

code	model	description	price
02900671	<b>SPARE VALVES FOR LOTUS AIR 10 G/H</b>	3/8" empty valve PVDF+FP	€ 15,90
02901781	<b>SPARE VALVES FOR LOTUS AIR 10 G/H</b>	3/8" delivery valve PVDF+FP+CE+spring	€ 17,20
02900771	<b>SPARE VALVES FOR LOTUS AIR 30-60 G/H</b>	1/2" delivery valve PVDF+FP+CE 0,3 bar spring	€ 32,40

## SPARE VALVES FOR LOTUS AIR 30-60 G/H

code	model	description	price
02900661	<b>SPARE VALVES FOR LOTUS AIR 30-60 G/H</b>	1/2" empty valve PVDF+FP	€ 13,30
02900771	<b>SPARE VALVES FOR LOTUS AIR 30-60 G/H</b>	1/2" delivery valve PVDF+FP+CE 0,3 bar spring	€ 32,40

## WATER SOLENOID VALVE

code	model	description	price
02300721	<b>WATER SOLENOID VALVE</b>	Stainless steel body, 1/4" N.C. 230 VAC Max pressure 10 bar.	€ 287,00



## CHLORINE DIOXIDE SOLENOID VALVE FOR LOTUS AIR

code	model	description	price
02300861	<b>LOTUS AIR 10G/H SOLENOID VALVE</b>	Chlorine dioxide solenoid valve for Lotus Air 10g/h: PVC body, 1/2"N.C. DN10, 230 VAC 50Hz coil - 9 V/A, Max pressure 10 bar	€ 931,00
02300871	<b>LOTUS AIR 30-60G/H SOLENOID VALVE</b>	Chlorine dioxide solenoid valve for Lotus Air 30-60g/h: PVC body, 1/2"N.C. DN10, 230 VAC 50Hz-9 V/A, Max press. 10 bar	€ 931,00



## MAINTENANCE KITS

code	model	description	price
11092251	<b>MAINTENANCE KIT LOTUS AIR 10</b>	Maintenance kit for Lotus Air 10 model	€ 733,00
11092271	<b>MAINTENANCE KIT LOTUS AIR 30</b>	Maintenance kit for Lotus Air 30 model	€ 780,00
11092281	<b>MAINTENANCE KIT LOTUS AIR 60</b>	Maintenance kit for Lotus Air 60 model	€ 755,00
11092771	<b>MAINTENANCE KIT LOTUS MAXI</b>	Maintenance kit for Lotus Maxi 80 / 160 / 240 models	€ 424,00

## FLOW SENSOR

code	model	description	price
SEFL V530020NX000	<b>SEFL/V</b>	Flow sensor for Lotus: PVDF body, FKM B oring.	€ 147,00

## ACTIVE CARBON FILTER

code	model	description	price
03300450	<b>CARBON FILTER</b>	Active carbon filter for reduction reaction gases. Connections: 1/4".	€ 58,00



## LEVEL PROBE

code	model	description	price
07603851	<b>LEVEL PROBE FOR STORAGE TANKS (10GR)</b>	Level probe for storage tanks (10gr)	€ 78,00
07605451	<b>LEVEL PROBE FOR STORAGE TANKS (30GR)</b>	Level probe for storage tanks (30gr)	€ 78,00
07605471	<b>LEVEL PROBE FOR STORAGE TANKS (60GR)</b>	Level probe for storage tanks (60gr)	€ 78,00
07603841	<b>LEVEL PROBE KIT FOR REACTOR (10GR)</b>	Level probe kit for reactor (10gr)	€ 95,00
07605441	<b>LEVEL PROBE KIT FOR REACTOR (30GR)</b>	Level probe kit for reactor (30gr)	€ 95,00
07605461	<b>LEVEL PROBE KIT FOR REACTOR (60GR)</b>	Level probe kit for reactor (60gr)	€ 95,00



## SUPPORT FRAME

code	model	description	price
03107340	<b>SUPPORT FRAME</b>	Stainless steel support frame for Lotus Air 30-60g/h	€ 476,00





## NOTES

**POWER SUPPLY**

LD, J DIGITAL, JA and DIN are available with 230 VAC, 115 VAC and 24 VAC power supply without extra price.

"MAX5", "MTOWER" and LD ENCODER are available with 90-240 VAC. 12/24 VDC power supply extra price:

- € 258,00 for controllers with internal modem (GSM Configuration);
- € 154,00 for controllers without internal modem.

**GALVANIC ISOLATION**

All controllers have galvanic isolation on current output.

**TEMPERATURE COMPENSATION**

All controllers are provided with automatic or manual temperature compensation.

01

Stepper motor  
dosing pumps

02

Motor-driven  
dosing pumps

03

Solenoid-driven  
dosing pumps

04

Disinfection  
systems

05

Controllers

06

Pulse emitting  
water meters

07

Probes

08

Accessories



## ERMES

### Online control system

Web application ERMES allows plants remote control: read, analyze and modify controllers parameters from PC, smartphone or tablet.

#### PLUS

- It reduces plant intervention and inspections.
- It reports on the current status of the network's devices and connections (probes, outputs, alarms, setpoints)
- It instantly gives notification of alarms by sms or email
- It generates an up to date report of all plant controllers
- It can display the controllers activity log as line graphs and charts

and it can download it to your pc in excel or pdf format

#### HOW TO USE ERMES

Enter the website [www.ermes-server.com](http://www.ermes-server.com) and, after registration, set your plants.

controllers with ETHERNET or GSM/GPRS Configuration will be immediately connected and available for remote control.

Furthermore, with ERMES you can receive alarm messages via email, with different report option on instrument status.

If your instrument has a GSM Configuration you can receive SMS report on your mobile.

#### CONFIGURATIONS

	PLUS	WHEN	REQUIREMENTS	FUNCTIONS
<b>BASIC</b>	/	For local control only	/	RS485 output to link other instruments or a PC
<b>ADVANCED USB</b>	USB output	You do not need a PC on your plant: you can download data log on a USB device	/	RS485 output to link other instruments or a PC Data Log on USB device
<b>ETHERNET</b>	LAN network between instrument and web	Remote control via WEB ERMES	LAN wiring (RJ-45)	RS485 output to link other instruments or a PC Web ERMES remote control (PC, smartphone or tablet) Alarm messages via email
<b>GSM</b>	GSM modem between instrument and web	Remote control via WEB ERMES	Network coverage	RS485 output to link other instruments or a PC Web ERMES remote control (PC, smartphone or tablet) Alarm messages via email Alarm messages via SMS
<b>WIFI</b>	WIFI network between instrument and web	Remote control via WEB ERMES	Network coverage	RS485 output to link other instruments or a PC Web ERMES remote control (PC, smartphone or tablet) Alarm messages via email
<b>MODBUS</b>	Connection to other devices (PLC) via RS485	PLC plant management	/	PLC connection output for reading and modifying parameters

You can **CUSTOMIZE** configurations adding external modules.

**MIXED CONFIGURATIONS** allows to connect controllers to ERMES software in multiple ways: directly, locally and remotely. Those configurations extend connection capacity.

If you already use controllers and you want use ERMES web application, contact our **customers service**.



## Communication protocol for controllers with other devices

Modbus is a serial communication protocol for connecting controllers to other devices on RS485 network.

It has become a "de facto" standard in industrial communication,

and is currently one of the most common protocols for electronic devices connection.

Modbus configuration must be requested when ordering.

## Modems/External devices

### Remote control

#### BT CEL / BT ETH / BT USB / BT WIFI / BT MODBUS

Modems (RS485 interface) for controllers. Indoor use. Place them close to Ethernet access point or under GSM or WIFI cover-

age.

**BT CEL-2IN:** GSM modem. Place it under GSM coverage.



model	description	price	12-24 VDC
■ <b>BT CEL - 2IN</b> <sup>1</sup>	GSM Modem with 2 input.	€ 488,00	/
■ <b>BT CEL GSM</b>	Mobile modem module.	€ 488,00	+ € 235,00
■ <b>BT ETH</b>	Ethernet module.	€ 260,00	+ € 235,00
■ <b>BT MODBUS</b>	MODBUS module.	€ 355,00	/
■ <b>BT USB</b>	USB module.	€ 262,00	+ € 235,00
■ <b>BT WIFI</b>	WIFI module.	€ 360,00	/

<sup>1</sup> GSM connection without data traffic (ERMES)

## Series LDS PLUS

### Single reading system with PID regulation

LDS PLUS control instruments are a series of single reading digital systems with PID regulation that meet a wide range of applications. LDS PLUS has: easy control by encoder wheel, flow control, local & remote control, ERMES web communication, permanent data storage with system log, PT100 temperature probe, stand-by input, water meter input, alarms, programmable delay at dosing start-up

(up to 60 minutes), automatic temperature compensation, probe readout menu (LDSCDIND PLUS), different working modes (on/off, impulsive proportional, proportional PWM and fixed PWM, PID), automatic or manual dosing activity, mA output, mA water meter input (optional), probe cleaning and 5 relays (2 setpoint; alarm; probe cleaning; circulation).



#### ALARMS

- general alarm
- no water flow alarm
- out of range alarm
- level alarm
- max dosing alarm
- damaged probe alarm

#### INPUTS

- product level inputs
- flow input
- mA water meter input**
- temperature probe input
- stand-by input

#### OUTPUTS

- alarm output
- mA outputs
- proportional outputs
- set points outputs
- relay outputs
- opto coupled output

#### SETTING p.124

21 configurations

B - BASIC	U - ADVANCED USB	E - ETHERNET	A - GSM	W - WIFI	S - MODBUS
€ 892,00	€ 1026,00	€ 1041,00	€ 1270,00	€ 1092,00	€ 1023,00
mA water meter input			12VDC or 24VDC power supply		
+ € 87,00			+ € 155,00 ( + € 260,00 on GSM config.		
LED strip					
+ € 30,90					

- input and output shown in **red** are to be considered as optional.



model	channel 1			
LDSPH PLUS				
1   code	pH			
LDSPHP	6   1 probe   EPH	compensation   pH in Temperature - ECL6	range   0-14 pH	p.174
LDSRH PLUS				
1   code	ORP			
LDSRHP	6   2 probe   ERH	compensation   -	range   0/1000 mV	p.175
LDSCS PLUS				
1   code	Chlorine (total, free and combined)			
LDSCLP	6   4/T probe   ECL/SCL	compensation   Chlorine in Temperature	range   depending on probe	p.172/173
Bromine				
	6   T probe   SBR	compensation   Chlorine in Temperature	range   0,20 ml/l	p.173
Chlorine Dioxide				
	6   T probe   SCL2	compensation   Chlorine in Temperature	range   depending on probe	p.173
Hydrogen peroxyde				
	6   T probe   SCL9	compensation   Chlorine in Temperature	range   depending on probe	p.173
Ozone				
	6   T probe   SCL10	compensation   Chlorine in Temperature	range   depending on probe	p.173
Peracetic Acid				
	6   T probe   SCL11	compensation   Chlorine in Temperature	range   depending on probe	p.173
LDSCD PLUS				
1   code	Conductivity			
LDSCDP	6   5 probe   ECD/EICD	compensation   Conductivity in Temperature	range   0/300,0 µS 0/3000 µS 0/30,00 mS 0/300,0 mS	p.176/179
LDSCDIND PLUS				
1   code	Inductive conductivity			
LDSCDIP	6   8 probe   ECDIND	compensation   Conductivity in Temperature	range   0/3,000 mS 0/30,00 mS 0/300,0 mS	p.180
LDSETORB2 PLUS				
1   code	Turbidity			
LDSTORP	6   R probe   ETORB2-A	compensation   -	range   0/4000 NTU	p.182
LDSDO PLUS				
1   code	Dissolved oxygen			
LDSDOP	6   7 probe   EOLUM	compensation   Temperature and pressure	range   20 mg/l O <sub>2</sub>	p.181
LDSTRC PLUS				
1   code	Tracers			
LDSTRCP	6   F probe   ETRC2	compensation   -	range   0/9999,9 ppm	p.182
LDSFL PLUS				
1   code	Fluoride			
LDSFLP	6   P probe   EFL	compensation   Temperature	range   conc. 0/3,00 ppm (0,01 ppm) mV 0/1000,00 ppm (0,01 ppm)	p.180

# Series LDS

## Single reading system with setpoints

LDS control instruments are a series of single reading controllers that meet a wide range of applications.

LDS has: easy control by encoder wheel, flow control, local & remote control, ERMES web communication, permanent data storage with system log, PT100 temperature probe, stand-by input, alarms, programmable delay at dosing start-up (up to 60 minutes), automatic temperature compensation, probe readout menu (LD-SCDIND), different working modes (on/off, impulsive proportional, proportional PWM and fixed PWM), automatic or manual dosing activity and mA output (optional).



### ALARMS

- general alarm
- no water flow alarm
- out of range alarm
- level alarm
- max dosing alarm
- damaged probe alarm

### INPUTS

- product level inputs
- flow input
- temperature probe input
- stand-by input

### OUTPUTS

- alarm output
- proportional outputs
- relay outputs
- mA output**

### SETTING p.124

21 configuration

B - BASIC	U - ADVANCED USB	E - ETHERNET	A - GSM	W - WIFI	S - MODBUS
€ 758,00	€ 892,00	€ 905,00	€ 1134,00	€ 959,00	€ 888,00
mA output			12VDC or 24VDC power supply		
+ € 134,00			+ € 155,00 ( + € 260,00 on GSM config.		
LED strip					
+ € 30,90					

- input and output shown in red are to be considered as optional.

model	channel 1			
<b>LDSPH</b>				
1   code	pH			
<b>LDSPH</b>	6   1 probe   EPH	compensation   pH in Temperature - ECL6	range   0-14 pH	p.172
<b>LDSRH</b>				
1   code	ORP			
<b>LDSRH</b>	6   2 probe   ERH	compensation   -	range   0/1000 mV	p.173
<b>LDSCL</b>				
1   code	Chlorine (total, free and combined)			
<b>LDSCL</b>	6   4/T probe   ECL/SCL	compens.   Chlorine in Temperature	range   depending on probe	p.170/171
	Bromine			
	6   T probe   SBR	compens.   Chlorine in Temperature	range   0,20 ml/l	p.171
	Chlorine Dioxide			
	6   T probe   SCL2	compens.   Chlorine in Temperature	range   depending on probe	p.171
	Hydrogen peroxyde			
	6   T probe   SCL9	compens.   Chlorine in Temperature	range   depending on probe	p.171
	Ozone			
	6   T probe   SCL10	compens.   Chlorine in Temperature	range   depending on probe	p.171
	Peracetic Acid			
	6   T probe   SCL11	compens.   Chlorine in Temperature	range   depending on probe	p.171
<b>LDSCD</b>				
1   code	Conductivity			
<b>LDSCD</b>	6   5 probe   ECD/EICD	compens.   Conductivity in Temperature	range   0/300,0 µS 0/3000 µS 0/30,00 mS 0/300,0 mS	p.175
<b>LDSCDIND</b>				
1   code	Inductive conductivity			
<b>LDSCDI</b>	6   8 probe   ECDIND	compens.   Conductivity in Temperature	range   0/3,000 mS 0/30,00 mS 0/300,0 mS	p.178
<b>LDSETORB2</b>				
1   code	Turbidity			
<b>LDSTORB</b>	6   R probe   ETORB2	compens.   -	range   0/4000 NTU	p.180
<b>LDSDO</b>				
1   code	Dissolved oxygen			
<b>LDSDO</b>	6   7 probe   EOLUM	compens.   Temperature and pressure	range   20 mg/l O <sub>2</sub>	p.179
<b>LDSTRC</b>				
1   code	Tracers			
<b>LDSTRC</b>	6   F probe   ETRC2	compens.   -	range   0/9999,9 ppm	p.180
<b>LDSFL</b>				
1   code	Fluoride			
<b>LDSFL</b>	6   P probe   EFL	compens.   Temperature	range   conc. 0/3,00 ppm (0,01 ppm) mV 0/1000,00 ppm (0,01 ppm)	

## Series LD Multichannel Plus

### Multiple reading digital system with PID regulation

LD MULTICHANNEL PLUS control instruments are a series of multiple reading digital systems with PID regulation that meets a wide range of applications. They are multiple digital measuring systems for complete control of

water treatment and chemicals dosage, ensuring, depending on model, the control on acid (pH) and on a second parameter (by customer request different parameters combination can be set).



#### ALARMS

- general alarm
- no water flow alarm
- out of range alarm
- level alarm
- max dosing alarm
- damaged probe alarm

#### INPUTS

- product level inputs
- flow input
- water meter input
- mA water meter input**
- temperature probe input
- stand-by input

#### OUTPUTS

- alarm output
- probe cleaning output with ETORB2
- mA outputs
- proportional outputs
- set points outputs [on/off - PID - PWM]
- relay outputs
- flocculant pump output (LDPHCL PLUS)

#### SETTING p.124

2 | configuratio

B - BASIC	U - ADVANCED USB	E - ETHERNET	A - GSM	W - WIFI	S - MODBUS
€ 1038,00	€ 1172,00	€ 1187,00	€ 1416,00	€ 1234,00	€ 1167,00
mA water meter input			12VDC or 24VDC power supply		
+ € 87,00			+ € 155,00 ( + € 260,00 on GSM config.		
LED strip					
+ € 30,90					

- input and output shown in **red** are to be considered as optional.

model	channel 1	channel 2
<b>LDPHCL PLUS</b>		
1   code	pH	Chlorine (total, free and combined)
<b>LDPHCLP</b>	6   1 probe   EPH compensation   pH in Temperature - ECL6 p.172 range   0-14 pH	6   4/T probe   ECL/SCL compens.   Chlorine in Temperature p.170/171 range   depending on probe
		Bromine
		6   T probe   SBR compens.   Chlorine in Temperature p.171 range   0,20 ml/l
		Chlorine Dioxide
		6   T probe   SCL2 compens.   Chlorine in Temperature p.171 range   depending on probe
		Hydrogen peroxyde
		6   T probe   SCL9 compens.   Chlorine in Temperature p.171 range   depending on probe
		Ozone
		6   T probe   SCL10 compens.   Chlorine in Temperature p.171 range   depending on probe
		Peracetic Acid
		6   T probe   SCL11 compens.   Chlorine in Temperature p.171 range   depending on probe

<b>LDPHRH PLUS</b>		
1   code	pH	ORP
<b>LDPHRHP</b>	6   1 probe   EPH p.172 range   0-14 pH compensation   pH in Temperature	6   2 probe   ERH p.173 range   0/1000 mV

<b>LDPHCD PLUS</b>		
1   code	pH	Conductivity
<b>LDPHCDP</b>	6   1 probe   EPH p.172 range   0-14 pH compensation   pH in Temperature	6   5 probe   ECD/EICD p.175 range   0/300,0 µS - 0/3000 µS - 0/30,00 mS - 0/300,0 mS compens. Conductivity in Temperature

<b>LDPHCDIND PLUS</b>		
1   code	pH	Inductive conductivity
<b>LDPHCDP</b>	6   1 probe   EPH p.172 range   0-14 pH compensation   pH in Temperature	6   8 probe   ECDIND p.178 range   0/3,000 mS - 0/30,00 mS - 0/300,0 mS compens.   Conductivity in Temperature

<b>LDPHETORB2 PLUS</b>		
1   code	pH	Turbidity
<b>LDPHT2P</b>	6   1 probe   EPH p.172 range   0-14 pH compensation   pH in Temperature	6   R probe   ETORB2 p.180 range   0/4000 NTU

<b>LDPHTRC PLUS</b>		
1   code	pH	Tracers
<b>LDPHTRP</b>	6   1 probe   EPH p.172 range   0-14 pH compensation   pH in Temperature	6   F probe   ETRC2 p.180 range   0/9999,9 ppm

<b>LDPHFL PLUS</b>		
1   code	pH	Fluoride
<b>LDPHFLP</b>	6   1 probe   EPH compens.   pH in Temperature p.172 range   0-14 pH	6   P probe   EFL range   conc. 0/3,00 ppm (0,01 ppm) - mV 0/1000,00 ppm (0,01 ppm)

# Series LD Multichannel

## Multiple reading digital system

LD MULTICHANNEL control instruments are a series of multiple reading digital systems that meet a wide range of applications. They are multiple digital measuring systems for complete control of water treatment and chemicals dosage, ensuring, depending on model, the control on acid (pH) and on a second parameter (by customer request different parameters combination can be set).



### ALARMS

- general alarm
- no water flow alarm
- out of range alarm
- level alarm
- max dosing alarm
- damaged probe alarm

### INPUTS

- product level inputs
- flow input
- temperature probe input
- stand-by input

### OUTPUTS

- alarm output
- probe cleaning output with ETORB2
- proportional outputs
- relay outputs
- flocculant pump output (LDPHCL)
- mA outputs**

### SETTING p.124

2 | configuratio

B - BASIC	U - ADVANCED USB	E - ETHERNET	A - GSM	W - WIFI	S - MODBUS
€ 857,00	€ 991,00	€ 1005,00	€ 1234,00	€ 1058,00	€ 987,00
mA output			12VDC or 24VDC power supply		
+ € 134,00			+ € 155,00 ( + € 260,00 on GSM config.		
LED strip					
+ € 30,90					

- input and output shown in red are to be considered as optional.

model	channel 1	channel 2
<b>LDPHCL</b>		
1   code	pH	Chlorine (total, free and combined)
<b>LDPHCL</b>	6   1 probe   EPH range   0-14 pH compens.   pH in Temperature	p.172 6   4/T probe   ECL/SCL compens.   Chlorine in Temperature range   depending on probe p.170/171
		Bromine
		6   T probe   SBR range   0,20 ml/l compens.   Chlorine in Temperature p.171
		Chlorine Dioxide
		6   T probe   SCL2 range   depending on probe compens.   Chlorine in Temperature p.171
		Hydrogen peroxyde
		6   T probe   SCL9 range   depending on probe compens.   Chlorine in Temperature p.171
		Ozone
		6   T probe   SCL10 range   depending on probe compens.   Chlorine in Temperature p.171
		Peracetic Acid
		6   T probe   SCL11 range   depending on probe compens.   Chlorine in Temperature p.171
<b>LDPHRH</b>		
1   code	pH	ORP
<b>LDPHRH</b>	6   1 probe   EPH range   0-14 pH compens.   pH in Temperature	p.172 6   2 probe   ERH range   0/1000 mV p.173
<b>LDPHCD</b>		
1   code	pH	Conductivity
<b>LDPHCD</b>	6   1 probe   EPH range   0-14 pH compens.   pH in Temperature	p.172 6   5 probe   ECD/EICD range   0/300,0 µS - 0/3000 µS - 0/30,00 mS - 0/300,0 mS compens.   Conductivity in Temperature p.175
<b>LDPHCDIND</b>		
1   code	pH	Inductive conductivity
<b>LDPHCDI</b>	6   1 probe   EPH range   0-14 pH compens.   pH in Temperature	p.172 6   8 probe   ECDIND range   0/3,000 mS - 0/30,00 mS - 0/300,0 mS compens.   Conductivity in Temperature p.178
<b>LDPHETORB2</b>		
1   code	pH	Turbidity
<b>LDPHTOR</b>	6   1 probe   EPH range   0-14 pH compens.   pH in Temperature	p.172 6   R probe   ETORB2 range   0/4000 NTU p.180
<b>LDPHTRC</b>		
1   code	pH	Tracers
<b>LDPHTOR</b>	6   1 probe   EPH range   0-14 pH compens.   pH in Temperature	p.172 6   F probe   ETRC2 range   0/999,9 ppm p.180
<b>LDPHFL</b>		
1   code	pH	Fluoride
<b>LDPHFL</b>	6   1 probe   EPH range   0-14 pH compens.   pH in Temperature	p.172 6   P probe   EFL range   conc. 0/3,00 ppm (0,01 ppm) - mV 0/1000,00 ppm (0,01 ppm)

## Series \CENTURIO PRO

### Complete control system

CENTURIO control instruments are multiparameter measurement and regulation systems that combine an absolute control and an extreme ease of use with the elegance of the case created by Giugiaro Design.

CENTURIO PRO is a complete digital control instrument designed for managing water treatment plants, equipped with LINUX

operating system, high-performance ARM A5 microprocessor and a large color touchscreen display. It can manage at the same time the main measurement parameters, read and regulate setpoints of the 6 channels and get real-time graphs. CENTURIO has also an high-capacity storage to archive data logs as well as download option via USB port.



#### FEATURES

For each reading channel:  
2 digital setpoints (ON/OFF), 2 proportional setpoints (IS), 1 mA output setpoint, 1 temperature setpoint  
6 timers with a maximum of 10 daily schedules each  
Laser level output

#### INPUTS

8 product level inputs  
flow input  
2 water meter inputs  
1 RS485 bus probe input  
6 slots for channels reading

#### OUTPUTS

alarm output  
8 proportional outputs  
6 on/off outputs  
2 freecontact on/off outputs  
6 current outputs

#### SETTING p.124

21 configuration

#### CENTURIO PRO

B - BASIC | ETHERNET - USB - MODBUS

€ 1951,00

A - GSM

€ 2324,00

W - WIFI

€ 2147,00



model

CHANNELS 1-2-3-4-5-6 TO CHOOSE BETWEEN THE MODULES BELOW

**CENTURIO**1 | code  
**CENTP****pH**

6 | 1 probe | EPH compensation | pH in Temperature - ECL6 p.172  
range | 0-14 pH  
compens. | Temperature

+ € 136,00

**ORP**

6 | 2 probe | ERH p.173  
range | -999/+999 mV  
compens. | Temperature

+ € 136,00

**Chlorine (total, free and combined)**

6 | 4/T probe | ECL/SCL compens. | Chlorine in Temper. p.170/171  
range | depending on probe

**Bromine**

6 | T probe | SBR compensation | Chlorine in Temper. p.171  
range | 0,20 ml/l

**Chlorine Dioxide**

6 | T probe | SCL2 compens. | Chlorine in Temper. p.171  
range | depending on probe

**Hydrogen peroxide**

6 | T probe | SCL9 compens. | Chlorine in Temper. p.171  
range | depending on probe

**Ozone**

6 | T probe | SCL10 compens. | Chlorine in Temper. p.171  
range | depending on probe

**Peracetic Acid**

6 | T probe | SCL11 compens. | Chlorine in Temper. p.171  
range | depending on probe

+ € 123,00

**Tracers**

6 | F probe | ETRC2 p.180  
range | 0/999,9 ppm  
compens. | Temperature

+ € 147,00

**Corrosion**

6 | F probe | ECORR p.179  
range | 0.001/10 MPY  
compens. | Temperature

+ € 147,00

**Turbidity**

6 | R probe | ETORB2 p.180  
range | for complete parameter reading, connect  
directly to the probe bus  
compens. | Temperature

+ € 123,00

**mA input**

6 | U  
range | Analogic input module 0-20 mA

+ € 147,00

**Conductivity**

6 | 5 probe | ECD/EICD p.175  
range | 0.1µS-100mS (K=1)  
0.01µS-10mS (K=01)  
0.001uS-1mS (K=001)  
1uS-1S (K=10)  
compens. | Temperature

+ € 171,00

**Inductive conductivity**

6 | 8 probe | ECDIND p.178  
range | 0-3.000 µS  
0-30.000 µS  
compens. | Temperature

+ € 199,00

**Potentiostatic probe**

6 | 9 probe | EPS  
range | 5 ppm

+ € 205,00

**Dissolved oxygen**

6 | 7 probe | EOLUM p.179  
range | 0-20 mg/l  
compens. | Temperature

+ € 121,00

## Series \CENTURIO TOWER

### Complete control system for cooling towers

CENTURIO control instruments are multiparameter measurement and regulation systems that combine an absolute control and an extreme ease of use with the elegance of the case created by Giugiaro Design.

CENTURIO TOWER is a digital control instrument designed for cooling tower water treatment and equipped with LINUX operating

system, high-performance ARM A5 microprocessor and a large color touchscreen display. It can manage at the same time 5 measurement parameters, read and regulate setpoints of the 5 channels and get real-time graphs. CENTURIO has also an high-capacity storage to archive data logs as well as download option via USB port.



#### FEATURES

- Biocide programmable in 10 daily interventions
- Pre-bleed (water discharge before biocide dosing)
- Blow down (discharge control on conductivity values)
- Lockout (discharge valve locked for a settable time, after biocide dosing)

#### SETTING

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21 configurations

#### CENTURIO TOWER - CONDUCTIVITY

B - BASIC | ETHERNET - USB - MODBUS

€ 2122,00

#### INPUTS

- 8 product level inputs
- flow input
- 2 water meter inputs
- 1 RS485 bus probe input
- 6 slots for channels reading

#### OUTPUTS

- alarm output
- 8 proportional outputs
- 6 on/off outputs
- 2 freecontact on/off outputs
- 6 current outputs

A - GSM

€ 2496,00

W - WIFI

€ 2319,00

#### CENTURIO TOWER - INDUCTIVE CONDUCTIVITY

B - BASIC | ETHERNET - USB - MODBUS

€ 2147,00

A - GSM

€ 2522,00

W - WIFI

€ 2343,00

model

CHANNEL 1 TO CHOOSE BETWEEN CONDUCTIVITY AND INDUCTIVE CONDUCTIVITY

## CENTURIO

1 | code  
CENT

### Conductivity

6 | 5 probe | ECD/EICD p.175  
range | 0.1µS-100mS (K=1)  
0.01µS-10mS (K=01)  
0.001uS-1mS (K=001)  
1uS-1S (K=10)

compens. | Temperature

### Inductive conductivity

6 | 8 probe | ECDIND p.178  
range | 0,1-3mS  
0,3-30mS  
0,3-300mS

compens. | Temperature

CHANNELS 2-3-4-5-6 TO CHOOSE BETWEEN THE 8 MODULES BELOW

### pH

6 | 1 probe | EPH compensation | pH in Temperature - ECL6 p.172  
range | 0-14 pH  
compens. | Temperature

+ € 136,00

### ORP

6 | 2 probe | ERH p.173  
range | -999/+999 mV  
compens. | Temperature

+ € 136,00

### Chlorine (total, free and combined)

6 | 4/T probe | ECL/SCL compens. | Chlorine in Temper. p.170/171  
range | depending on probe

### Bromine

6 | T probe | SBR compensation | Chlorine in Temper. p.171  
range | 0,20 ml/l

### Chlorine Dioxide

6 | T probe | SCL2 compens. | Chlorine in Temper. p.171  
range | depending on probe

### Hydrogen peroxyde

6 | T probe | SCL9 compens. | Chlorine in Temper. p.171  
range | depending on probe

### Ozone

6 | T probe | SCL10 compens. | Chlorine in Temper. p.171  
range | depending on probe

### Peracetic Acid

6 | T probe | SCL11 compens. | Chlorine in Temper. p.171  
range | depending on probe

+ € 123,00

### Tracers

6 | F probe | ETRC2 p.180  
range | 0/999,9 ppm  
compens. | Temperature

+ € 147,00

### Corrosion

6 | F probe | ECORR p.179  
range | 0.001/10 MPY  
compens. | Temperature

+ € 147,00

### Turbidity

6 | R probe | ETORB2 p.180  
range | for complete parameter reading, connect  
directly to the probe bus  
compens. | Temperature

+ € 123,00

### mA input

6 | U  
range | Analogic input module 0-20 mA

+ € 147,00

### Conductivity

6 | 5 probe | ECD/EICD p.175  
range | 0.1µS-100mS (K=1)  
0.01µS-10mS (K=01)  
0.001uS-1mS (K=001)  
1uS-1S (K=10)

compens. | Temperature

+ € 171,00

### Inductive conductivity

6 | 8 probe | ECDIND p.178  
range | 0-3.000 µS  
0-30.000 µS  
compens. | Temperature

+ € 199,00

## Series \CENTURIO POOL

### Complete control system for swimming pool

CENTURIO POOL is a digital regulation and measurement system for multiparameter control in the treatment of water in swimming pools. It features a Linux os, a high-performance ARM A5 microprocessor and a large color touch display. It can be set to work with pH priority and can control flocculant output, shock

chlorination and backwashing filters and manage up to 10 reading channels simultaneously. Download via USB. Import / export of data and settings (backup & restore) via USB port to other CENTURIO systems. Internet connection (WIFI, 3G or LAN). MODBUS serial communication protocol.



#### FEATURES

For each reading channel:  
2 digital setpoints (ON/OFF), 2 proportional setpoints (IS), 1 mA output setpoint, 1 temperature setpoint  
6 timers with a maximum of 10 daily schedules each  
Laser level output

#### INPUTS

8 product level inputs  
1 flow sensor input  
2 water meter inputs  
1 RS485 bus probe input  
6 slots for channels reading

#### OUTPUTS

alarm output  
8 proportional outputs  
6 on/off outputs  
2 freecontact on/off outputs  
6 current outputs

**SETTING** p.124  
21 configuration

#### CENTURIO POOL

B - BASIC | ETHERNET - USB - MODBUS

€ 1951,00

A - GSM

€ 2324,00

W - WIFI

€ 2147,00

model

CHANNELS 1-2-3-4-5-6 TO CHOOSE BETWEEN THE MODULES BELOW

**CENTURIO**1 | code  
**CENTPO****pH**

6 | 1 probe | EPH compensation | pH in Temperature - ECL6 p.172  
range | 0-14 pH  
compens. | Temperature

+ € 136,00

**ORP**

6 | 2 probe | ERH p.173  
range | -999/+999 mV  
compens. | Temperature

+ € 136,00

**Chlorine (total, free and combined)**

6 | 4/T probe | ECL/SCL compens. | Chlorine in Temper. p.170/171  
range | depending on probe

**Bromine**

6 | T probe | SBR compensation | Chlorine in Temper. p.171  
range | 0,20 ml/l

**Chlorine Dioxide**

6 | T probe | SCL2 compens. | Chlorine in Temper. p.171  
range | depending on probe

**Hydrogen peroxyde**

6 | T probe | SCL9 compens. | Chlorine in Temper. p.171  
range | depending on probe

**Ozone**

6 | T probe | SCL10 compens. | Chlorine in Temper. p.171  
range | depending on probe

**Peracetic Acid**

6 | T probe | SCL11 compens. | Chlorine in Temper. p.171  
range | depending on probe

+ € 123,00

**Turbidity**

6 | R probe | ETORB2 p.180  
range | for complete parameter reading, connect  
directly to the probe bus  
compens. | Temperature

+ € 123,00

**mA input**

6 | U  
range | Analogic input module 0-20 mA

+ € 147,00

**Conductivity**

6 | 5 probe | ECD/EICD p.175  
range | 0.1µS-100mS (K=1)  
0.01µS-10mS (K=01)  
0.001uS-1mS (K=001)  
1uS-1S (K=10)  
compens. | Temperature

+ € 171,00

**Inductive conductivity**

6 | 8 probe | ECDIND p.178  
range | 0-3.000 µS  
0-30.000 µS  
compens. | Temperature

+ € 199,00

**Potentiostatic probe**

6 | 9 probe | EPS  
range | 5 ppm

+ € 205,00

**Dissolved oxygen**

6 | 7 probe | EOLUM p.179  
range | 0-20 mg/l  
compens. | Temperature

+ € 121,00

# Series MTOWER PLUS

## Three parameters control system for cooling towers

MTOWER PLUS control instruments are a series of fully feature control systems for cooling towers. They manage simultaneously three parameters: pH or ORP, chlorine, conductivity or inductive conductivity (to specify on order) and temperature. Probes are not included. They can be remotely controlled through the exclusive web management system ERMES.



### ALARMS

- no water flow alarm
- 3 product levele alarms
- bleed timeout alarm

### INPUTS

- 6 product level inputs
- 2 water meter inputs
- flow inpu
- temperature probe input
- stand-by input

### OUTPUTS

- mA output

### SETTING p.124

2 l configuratio

B - BASIC	U - ADVANCED USB	E - ETHERNET	A - GSM	W - WIFI	S - MODBUS
€ 1542,00	€ 1678,00	€ 1691,00	€ 1917,00	€ 1738,00	€ 1671,00
mA output			12VDC or 24VDC power supply		
+ € 134,00			+ € 155,00 ( + € 260,00 on GSM config.		

- input and output shown in red are to be considered as optional.

model	channel 1			channel 2			channel 3		
MTOWER PLUS CD/PH/CL									
1   code	Conductivity			pH			Chlorine (total, free and combined)		
MTOWERN	6   5	probe   ECD/EICD	p.175	6   1	probe   EPH	p.172	6   4/T	probe   ECL/SCL	p.170/171
	compensation   Conductivity in Temperature			compensation   pH in Temperature - ECL6			compensation   Chlorine in Temperature		
	range   0/300,0 µS 0/3000 µS 0/30,00 mS 0/300,0 mS			range   0-14 pH			range   depending on probe		
	Inductive conductivity						Bromine		
	6   8	probe   ECDIND	p.178				6   T	probe   SBR	p.171
	compensation   Chlorine in Temperature						compensation		
	range   0/3,000 mS 0/30,00 mS 0/300,0 mS						range   0,20 ml/l		
							Chlorine Dioxide		
							6   T	probe   SCL2	p.171
							compensation   Chlorine in Temperature		
							range   depending on probe		
							Hydrogen peroxyde		
							6   T	probe   SCL9	p.171
							compensation   Chlorine in Temperature		
							range   depending on probe		
							Ozone		
							6   T	probe   SCL10	p.171
							compensation   Chlorine in Temperature		
							range   depending on probe		
							Peracetic Acid		
							6   T	probe   SCL11	p.171
							compensation   Chlorine in Temperature		
							range   depending on probe		

<b>MTOWER PLUS CD/PH/RH</b>						
1   code	Conductivity		pH		ORP	
<b>MTOWERN</b>	6   5	probe   ECD/EICD p.175	6   1	probe   EPH p.172	6   2	probe   ERH p.173
	compensation   Conductivity in Temperature		compensation   pH in Temperature - ECL6		compensation   -	
	range   0/300,0 µS 0/3000 µS 0/30,00 mS 0/300,0 mS		range   0-14 pH		range   0/1000 mV	
	Inductive conductivity					
	6   8	probe   ECDIND p.178				
	compensation   Conductivity in Temperature					
	range   0/3,000 mS 0/30,00 mS 0/300,0 mS					

# Series MTOWER 2 CH

## Two parameters control system for cooling towers

MTOWER 2CH control instruments are a series of fully feature control systems for cooling towers. They manage simultaneously two parameters: pH or ORP or chlorine, conductivity or inductive conductivity (to specify on order) and

temperature. Probes are not included. They can be remotely controlled through the exclusive web management system ERMES.



### ALARMS

- no water flow alarm
- 2 product levele alarms
- bleed timeout alarm

### INPUTS

- 6 product level inputs
- 2 water meter inputs
- flow inpu
- temperature probe input
- stand-by input

### OUTPUTS

- mA output

### SETTING p.124

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B - BASIC	U - ADVANCED USB	E - ETHERNET	A - GSM	W - WIFI	S - MODBUS
€ 1273,00	€ 1407,00	€ 1422,00	€ 1650,00	€ 1471,00	€ 1404,00
mA output			12VDC or 24VDC power supply		
+ € 134,00			+ € 155,00 ( + € 260,00 on GSM config.		

- input and output shown in red are to be considered as optional.



model	channel 1	channel 2
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## MTOWER CD/PH

1   code	Conductivity	pH
<b>MTOWERN</b>	<p>6   5 probe   ECD/EICD p.175 range 0/300,0 <math>\mu</math>S - 0/3000 <math>\mu</math>S - 0/30,00 mS - 0/300,0 mS compensation   Conductivity in Temperature</p> <p>Inductive conductivity</p> <p>6   8 probe   ECDIND p.178 range 0/3,000 mS - 0/30,00 mS - 0/300,0 mS compensation   Conductivity in Temperature</p>	<p>6   1 probe   EPH compens.   pH in Temperature - ECL6 p.172 range 0-14 pH</p>

## MTOWER CD/RH

1   code	Conductivity	ORP
<b>MTOWERN</b>	<p>6   5 probe   ECD/EICD p.175 range 0/300,0 <math>\mu</math>S - 0/3000 <math>\mu</math>S - 0/30,00 mS - 0/300,0 mS compensation   Conductivity in Temperature</p> <p>Inductive conductivity</p> <p>6   8 probe   ECDIND p.178 range 0/3,000 mS - 0/30,00 mS - 0/300,0 mS compensation   Conductivity in Temperature</p>	<p>6   2 probe   ERH p.173 range 0/1000 mV</p>

## MTOWER CD/CL

1   code	Conductivity	Chlorine (total, free and combined)
<b>MTOWERN</b>	<p>6   5 probe   ECD/EICD p.175 range 0/300,0 <math>\mu</math>S - 0/3000 <math>\mu</math>S - 0/30,00 mS - 0/300,0 mS compensation   Conductivity in Temperature</p> <p>Inductive conductivity</p> <p>6   8 probe   ECDIND p.178 range 0/3,000 mS - 0/30,00 mS - 0/300,0 mS compensation   Conductivity in Temperature</p>	<p>6   4/T probe   ECL/SCL compens.   Chlorine in Temper. p.170/171 range   depending on probe</p> <p>Bromine</p> <p>6   T probe   SBR compens.   Chlorine in Temperature p.171 range   0,20 ml/l</p> <p>Chlorine Dioxide</p> <p>6   T probe   SCL2 compens.   Chlorine in Temperature p.171 range   depending on probe</p> <p>Hydrogen peroxyde</p> <p>6   T probe   SCL9 compens.   Chlorine in Temperature p.171 range   depending on probe</p> <p>Ozone</p> <p>6   T probe   SCL10 compens.   Chlorine in Temperature p.171 range   depending on probe</p> <p>Peracetic Acid</p> <p>6   T probe   SCL11 compens.   Chlorine in Temperature p.171 range   depending on probe</p>

## MTOWER CD/TRC

1   code	Conductivity	Tracers
<b>MTOWERN</b>	<p>6   5 probe   ECD/EICD p.175 range 0/300,0 <math>\mu</math>S - 0/3000 <math>\mu</math>S - 0/30,00 mS - 0/300,0 mS compensation   Conductivity in Temperature</p> <p>Inductive conductivity</p> <p>6   8 probe   ECDIND p.178 range 0/3,000 mS - 0/30,00 mS - 0/300,0 mS compensation   Conductivity in Temperature</p>	<p>6   F probe   ETRC2 p.180 range 0/9999,9 ppm</p>

# Series MTOWER

## Single parameter control system for cooling towers

MTOWER 1CH control instrument is a fully feature control systems for cooling towers.  
It manages one parameter: conductivity or inductive conductivity

(to specify on order) and temperature. Probes are not included.  
It can be remotely controlled through the exclusive web management system ERMES.



- ALARMS**
- no water flow alarm
  - level alarm
  - bleed timeout alarm

- INPUTS**
- 6 product level inputs
  - 2 water meter inputs
  - flow input
  - temperature probe input
  - stand-by input

- OUTPUTS**
- mA output

**SETTING** p.124  
2 l configuratio

B - BASIC	U - ADVANCED USB	E - ETHERNET	A - GSM	W - WIFI	S - MODBUS
€ 1138,00	€ 1273,00	€ 1287,00	€ 1516,00	€ 1350,00	€ 1270,00
mA output			12VDC or 24VDC power supply		
+ € 134,00			+ € 155,00 ( + € 260,00 on GSM config.		

- input and output shown in red are to be considered as optional.

model	channel 1			
<b>MTOWER CD</b> 1   code <b>MTOWERN</b>	Conductivity			
	6   5	probe   ECD/EICD compensation   Conductivity in Temperature	range   0/9999 µS	p.175
	Inductive conductivity			
	6   8	probe   ECDIND compensation   Conductivity in Temperature	range   0/3000 mS 0/30000 mS	p.178

## Series LD LOG

### Data log system

LDLOG control instrument is a data log system for consumption of chemicals in a tank. Collected data are stored in a USB drive and secured against unauthorized access (log file format: CSV/EMC)  
LDLOG permanently collects data by a maximum of three pulse

emitter water meters and three flow sensors connected to the dosing pumps to record the chemical consumption and the amount of water treated. LDLOG displays daily, monthly and annual data and can be remotely controlled by web management system ERMES.



#### ALARMS

■ set point on consumption (LDLOGmA)

#### INPUTS

■ 4 mA inputs (LDLOGmA)  
■ 4 SEFL flow sensor input  
■ 3 water meter inputs

#### SETTING p.124

2 | configuratio

#### LD LOG

U - ADVANCED USB

€ 892,00

E - ETHERNET

€ 905,00

A - GSM

€ 1134,00

S - MODBUS

€ 890,00

#### LD LOG mA

U - ADVANCED USB

€ 1026,00

E - ETHERNET

€ 1041,00

A - GSM

€ 1270,00

S - MODBUS

€ 1025,00

## Series LDSPN PLUS

### pH neutralization

LDSPN PLUS control instrument is a pH neutralization system that meets a wide range of applications. It can be remotely controlled through the exclusive web management system ERMES.

LDSPN PLUS also has: easy control by encoder wheel, flow control, local & remote control, permanent data storage with system log,

PT100 temperature probe, stand-by input, alarms, automatic temperature compensation, probe readout menu, impulsive proportional working mode, inlet, outlet and mixer control solenoid valves, 2 timer for set-point activation delay and mA output (optional).



#### INPUTS

high level tank input  
low level tank input

#### OUTPUTS

inlet solenoid valve output  
outlet solenoid valve output  
mixer output  
acid pump output  
base pump output

1 | code

**LDSPNP**

**SETTING**

2 | configuratio

**B - BASIC**

€ 871,00

12VDC or 24VDC power supply

+ € 155,00

# Series LDOSIN PLUS

## Reverse osmosis controller

Reverse osmosis controllers enables the process and control of osmosis in industrial plants.  
 LDOSIN PLUS main working modes are: continuous production without level control, one level control production, two levels control with manual hysteresis and production based on the amount set. Combined with probes and probe holders, they can be assembled on panels to have a complete turnkey control system. Temperature measurement, water meter input and water meter output.



### ALARMS

- general alarm
- out of range alarm
- max dosing alarm
- damaged probe alarm
- filter alar
- temperature alarm
- pressure alarm

### INPUTS

- 2 product level inputs
- 2 water meter inputs
- 2 mA inputs
- probe holder input
- 2 pressure inputs
- stand-by input

### OUTPUTS

- alarm output
- 2 mA outputs
- 5 relay outputs
- freecontact output

1 | code  
**LDOSINP**

**SETTING** p.124  
 2 | configuratio

B - BASIC	E - ETHERNET	A - GSM	W - WIFI
€ 900,00	€ 1053,00	€ 1282,00	€ 1068,00

# OSMOSIS

## Reverse osmosis controllers

Reverse osmosis controllers enables the process and control of osmosis in industrial plants.

LDOSIN is a microprocessor based digital regulator for REVERSE OSMOSIS water production. The value readings are shown on a backlit LCD display that can be easily read even in very bright environments. The instrument is housed in a plastic container, can be

wall-mounted and it is housed in a IP65 plastic box. The overall dimensions are 225x215x125mm. Available in rack mounting version (180x220x80mm).

OSIN DIG is a reverse osmosis controller. Panel mounted, it has led display.



### OSIN DIG

- LED display
- Level control for collection tank
- Output conductivity reading
- Pump pressure reading

### LDOSIN - LDOSIN RACK

- Command to control reverse osmosis systems
- Supplied without conductivity probe
- Microprocessor based
- LCD display
- IP65 housing or rack mounting dim.: 180x220x80 mm (LDOSIN RACK)
- Input/output conductivity reading
- Level control for collection tank
- Min and max pressure
- Membrane washing control
- Pressure pump heating control
- Softner stand-by

### PRICES

OSIN DIG	LDOSIN	LDOSIN RACK
€ 428,00	€ 471,00	€ 471,00

## Series JA PRO

### Rack mounting (96x96) single reading systems

JA PRO control instruments are a series of rack mounting (96x96) single reading systems with temperature reading. On/Off, impulsive proportional and PID are main working modes.

It can set and monitor: pH, ORP, chlorine (depending on the probe: total chlorine, free chlorine, chlorine dioxide, hydrogen peroxide, ozone, bromine or paracetic acid) and conductivity (uS/S - Ohm - TDS / PPM) with automatic range and probe / product selection (H3PO4 - H2SO4 - HNO3 - HCl - NaOH - NaCl). Probes are not included.

JA PRO has: 2 setpoints (on/off, proportional), flow alarm, flow sensor stand-by input, 0-20 mA or 4-20 mA output proportional to read value and programmable in the reading range, alarm output.

Available low voltage 12VDC or 24VDC power supply. Available IP54 protection cover.

JA PRO is equipped with mA module and MODBUS serial communication to be connected to other devices on RS485 networks and TCP/IP MODBUS.



#### ALARMS

- general alarm
- no water flow alar

#### ALARMS PRO

- no water flow alar

#### INPUTS

- flow input
- temperature probe input
- probe input

#### INPUTS PRO

- flow input
- temperature probe input
- probe input
- stand-by input

#### OUTPUTS

- 2 proportional outputs
- 2 set points outputs (on/off, PWM)
- 2 relay outputs

#### OUTPUTS PRO

- alarm output
- 3 proportional outputs
- 2 set points outputs
- 2 relay outputs
- opto coupled output

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2 | configuratio

B - PRO

€ 601,00

IP54 protection

+ € 30,80

12VDC or 24VDC power supply

+ € 144,00



model	channel 1			
JA PH				
1   code	pH			
JAPHPRO	6   1	probe   EPH	compensation   pH in Temperature - ECL6	range   0-14 pH p.172
JA RH				
1   code	ORP			
JARHPRO	6   1	probe   ERH	compensation   -	range   -999/+1999 mV p.173
JA CL				
1   code	Chlorine (total and free)			
JACLPRO	6   4/T	probe   ECL/SCL	compensation   Chlorine in Temperature	range   depending on probe p. 152/153
Bromine				
	6   T	probe   SBR	compensation   Chlorine in Temperature	range   0,20 ml/l p.171
Chlorine Dioxide				
	6   T	probe   SCL2	compensation   Chlorine in Temperature	range   depending on probe p.171
Hydrogen peroxyde				
	6   T	probe   SCL9	compensation   Chlorine in Temperature	range   depending on probe p.171
Ozone				
	6   T	probe   SCL10	compensation   Chlorine in Temperature	range   depending on probe p.171
Peracetic Acid				
	6   T	probe   SCL11	compensation   Chlorine in Temperature	range   depending on probe p.171
JA CD				
1   code	Conductivity			
JACDPRO	6   5	probe   ECD/EICD	compens.   Conductivity in Temperature	range   0/9999 (nS/uS/mS/S) depending on probe p.175
JACDIND				
1   code	Inductive conductivity			
JACDINP	6   8	probe   ECDIND	compensation   Conductivity in Temperature	range   0/3,000 mS 0/30,00 mS 0/300,0 mS p.178

# Series J DIGITAL

## Rack mounting (96x48) single reading systems

J DIGITAL control instruments are a series of rack mounting (96x48) single reading systems that meets many applications. It can set and monitor: pH, ORP, chlorine (depending on the probe: total chlorine, free chlorine, chlorine dioxide, hydrogen peroxide, ozone, bromine or paracetic acid), conductivity, ozone, chlorine dioxide and temperature.

Probes are not included.  
J DIGITAL models have: 2 setpoints (on/off), flow alarm, flow sensor stand-by input, 0-20 mA or 4-20 mA output proportional to read value and programmable in the reading range.  
Available IP54 protection cover.



### INPUTS

- flow input
- temperature probe input
- probe input

### OUTPUTS

- opto coupled output
- 2 freecontact outputs

**SETTING** p.124  
2 | configuratio

B - BASIC

€ 452,00

IP54 protection

+ € 24,50

12VDC or 24VDC power supply

+ € 144,00

model	channel 1			
J DIGITAL PH				
1   code	pH			
JPHDIG	6   1	probe   EPH	compensation   pH in Temperature - ECL6	range   0-14 pH p.172
J DIGITAL RH				
1   code	ORP			
JRHDIG	6   1	probe   ERH	compensation   -	range   -999/+999 mV p.173
J DIGITAL CL				
1   code	Chlorine (total and free)			
JCLDIG	6   4/T	probe   ECL/SVCL	compensation   Chlorine in Temperature	range   depending on probe p.170/171
Bromine				
	6   T	probe   SBR	compensation   Chlorine in Temperature	range   0,20 ml/l p.171
Hydrogen peroxyde				
	6   T	probe   SVCL	compensation   Chlorine in Temperature	range   depending on probe p.171
Peracetic Acid				
	6   T	probe   SVCL	compensation   Chlorine in Temperature	range   depending on probe p.171
J DIGITAL CD				
1   code	Conductivity			
JCDDIG	6   5	probe   ECD/EICD	compens.   Conductivity in Temperature	range   0/1,999 µS 0/1999 µS 0/19,99 µS 0/19,99 mS 0/199,9 µS 0/199,99 mS p.175
J DIGITAL O3				
1   code	Ozone			
JO3DIG	6   T	probe   SVCL	compensation   -	range   0/1 mg/l O <sub>3</sub> 0/10 mg/l O <sub>3</sub> p.171
J DIGITAL ClO2				
1   code	Chlorine Dioxide			
JClO2DI	6   8	probe   SVCL	compensation   -	range   0/2 mg/l ClO <sub>3</sub> 0/20 mg/l ClO <sub>3</sub> p.171
J DIGITAL TEMP				
1   code	Temperature			
JTEMDIG	6   V	probe   ETE	compensation   -	range   0/100 °C p.180

# Series \DIN DIGITAL

## Rail mounting (6 modules) single reading systems

DIN DIGITAL control instruments are a series of rail mounting (6 modules) single reading systems that meets many applications. It can set and monitor: pH, ORP, chlorine (depending on the probe: totalchlorine, free chlorine, chlorine dioxide, hydrogen peroxide, ozone, bromine or paracetic acid), conductivity, ozone, chlorine di-

oxide and temperature. Probes are not included. DIN DIGITAL models have: 2 setpoints (on/off, proportional), flow alarm, flow sensor stand-by input, 0-20 mA or 4-20 mA output proportional to read value and programmable in the reading range.



### INPUTS

- flow input
- temperature probe input
- probe input

### OUTPUTS

- opto coupled output
- 2 freecontact outputs

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2 l configuratio

B - BASIC

€ 452,00

12VDC or 24VDC power supply

+ € 144,00

model	channel 1			
DIN DIGITAL PH				
1   code	pH			
DINPH	6   1	probe   EPH	compensation   pH in Temperature - ECL6	range   0-14 pH p.172
DIN DIGITAL RH				
1   code	ORP			
DINRH	6   1	probe   ERH	compensation   -	range   -999/+999 mV p.173
DIN DIGITAL CL				
1   code	Chlorine (total and free)			
DINCL	6   4/T	probe   ECL/SVCL	compensation   Chlorine in Temperature	range   depending on probe p.170/171
Bromine				
	6   T	probe   SBR	compensation   Chlorine in Temperature	range   0,20 ml/l p.171
Hydrogen peroxyde				
	6   T	probe   SVCL	compensation   Chlorine in Temperature	range   depending on probe p.171
Peracetic Acid				
	6   T	probe   SVCL	compensation   Chlorine in Temperature	range   depending on probe p.171
DIN DIGITAL CD				
1   code	Conductivity			
DINCD	6   5	probe   ECD/EICD	compens.   Conductivity in Temperature	range   0/1,999 µS 0/1999 µS 0/19,99 µS 0/19,99 mS 0/199,9 µS 0/199,99 mS p.175
DIN DIGITAL O3				
1   code	Ozone			
DINO3	6   T	probe   SVCL	compensation   -	range   0/1 mg/l O <sub>3</sub> 0/10 mg/l O <sub>3</sub> p.171
DIN DIGITAL ClO2				
1   code	Chlorine Dioxide			
DINCLO2	6   8	probe   SVCL	compensation   -	range   0/2 mg/l ClO <sub>3</sub> 0/20 mg/l ClO <sub>3</sub> p.171
DIN DIGITAL TEMP				
1   code	Temperature			
DINTEMP	6   V	probe   ETE	compensation   -	range   0/100 °C p.180

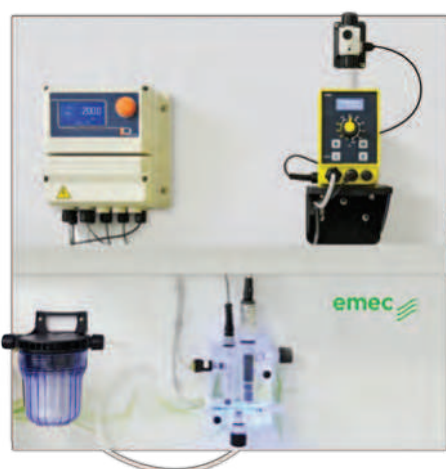
## All-in-one solutions

### Customized pre-assembled systems

dosing pumps and measuring and control systems can be assembled with probes and accessories on panels according to specific combinations in order to offer turnkey all-in-one solutions.

Pre-assembled panels may have:

- pumps, instruments or elements owned by the client and assembled
- customised logos
- backgrounds chosen by the customer
- customised sizes
- custom power panels



#### DRINKING WATER 600x800 mm

The proposed configuration for water drinking contemplates:

- disinfection with sodium hypochlorite or calcium hypochlorite



#### ANTI-LEGIONELLA 900x800 mm

The best answer to Legionella bacteria is prevention and efficient disinfection of the water:

- disinfection
- chlorine dioxide (stabilized) or sodium hypochlorite feeding
- filming chemical fee



#### COVER AND PANEL

description	price
PANEL	€ 188,00
COVER <sup>1</sup>	€ 449,00

<sup>1</sup> The cover can only be applied to a panel measuring 70x80 cm. Customization stickers require a minimum order (for quantities and prices, contact the sales office)



### COOLING TOWERS 900x800 mm

Cooling water treatment is an operation that requires care and precision.

- biocide feeding
- activator biocide feeding
- inhibitors feeding
- oxidant feeding
- pH correction



### COOLING TOWERS 500x800 mm

description	price
400X400 BASE WITH WHITE BACKGROUND	€ 127,00
400X600 BASE WITH WHITE BACKGROUND	€ 138,00
500X600 BASE WITH WHITE BACKGROUND	€ 157,00
500X700 BASE WITH WHITE BACKGROUND	€ 175,00
600X600 BASE WITH WHITE BACKGROUND	€ 175,00
600X650 BASE WITH WHITE BACKGROUND	€ 198,00
500X800 BASE WITH WHITE BACKGROUND	€ 217,00
600X700 BASE WITH WHITE BACKGROUND	€ 217,00
600X800 BASE WITH WHITE BACKGROUND	€ 285,00
600X900 BASE WITH WHITE BACKGROUND	€ 339,00
800X800 BASE WITH WHITE BACKGROUND	€ 339,00
800X900 BASE WITH WHITE BACKGROUND	€ 357,00
800X1000 BASE WITH WHITE BACKGROUND	€ 384,00
600X1150 BASE WITH WHITE BACKGROUND	€ 414,00
800X1150 BASE WITH WHITE BACKGROUND	€ 449,00
800X1200 BASE WITH WHITE BACKGROUND	€ 468,00

description	price
400X400 BASE WITH COLOR BACKGROUND	€ 168,00
400X600 BASE WITH COLOR BACKGROUND	€ 174,00
500X600 BASE WITH COLOR BACKGROUND	€ 210,00
500X700 BASE WITH COLOR BACKGROUND	€ 236,00
600X600 BASE WITH COLOR BACKGROUND	€ 236,00
600X650 BASE WITH COLOR BACKGROUND	€ 272,00
500X800 BASE WITH COLOR BACKGROUND	€ 287,00
600X700 BASE WITH COLOR BACKGROUND	€ 287,00
600X800 BASE WITH COLOR BACKGROUND	€ 364,00
600X900 BASE WITH COLOR BACKGROUND	€ 437,00
800X800 BASE WITH COLOR BACKGROUND	€ 437,00
800X900 BASE WITH COLOR BACKGROUND	€ 474,00
800X1000 BASE WITH COLOR BACKGROUND	€ 517,00
600X1150 BASE WITH COLOR BACKGROUND	€ 522,00
800X1150 BASE WITH COLOR BACKGROUND	€ 536,00
800X1200 BASE WITH COLOR BACKGROUND	€ 559,00

## BOX

Code	description	price
03605130	Box 800x1060x350 IP66	€ 2126,00
03605420	Box 585x800x300 IP66	€ 1191,00
03604340	Box 515x650x250 IP66	€ 934,00

## Series POOLBRAVO

### Swimming pool integrated system

An all-in-one, easy to use, highly accurate solution For eliminating the need of manual interventions on swimming pool water and for reducing the consumption of the chemicals.

Moreover, its cover makes POOL BRAVO suitable for any installation context and, besides safeguarding from accidental liquid loss, preserves at the same time the cleanliness of the inner components and their integrity.

POOLBRAVO is a turnkey product that can be configured to immediately manage two of the main parameters concerning water

treatment in swimming pools, in order to optimize the dosing of the needed chemicals.

A colored LED light is installed on PEF probe-holder in order to quickly signal, through an opening on the cover, specific operation statuses or possible alarms according to the color of the light. V series dosing pumps complete POOL BRAVO dosing system.

POOL BRAVO can connect to the internet (GSM, Ethernet or WIFI) and then be safely configured and managed with ERMES wherever you are by using any device and any browser.



#### ALARMS

- main alarm

#### INPUTS

- Stand-by
- Flow
- pH level (+)
- pH level (-)
- Chlorine level
- pH probe
- Chlorine probe
- Temperature probe

#### OUTPUTS

- pulses proportional for pH
- pulses proportional for Chlorine
- Flocculant



### POOL BRAVO ACID PUMP (V0310) AND CHLORINE PUMP (V0215)

OPEN AMPEROMETRIC CELL			CLOSED AMPEROMETRIC CELL		
€ 4000,00			€ 4854,00		
ETHERNET	GSM	WIFI	ETHERNET	GSM	WIFI
+ € 147,00	+ € 378,00	+ € 200,00	+ € 147,00	+ € 378,00	+ € 200,00

### POOL BRAVO ACID PUMP (V0310), CHLORINE PUMP (V0215) AND FLOCCULANT PUMP (VCLG)

OPEN AMPEROMETRIC CELL			CLOSED AMPEROMETRIC CELL		
€ 4327,00			€ 5181,00		
ETHERNET	GSM	WIFI	ETHERNET	GSM	WIFI
+ € 147,00	+ € 378,00	+ € 200,00	+ € 147,00	+ € 378,00	+ € 200,00

### POOL BRAVO ACID PUMP (V0310), CHLORINE PUMP (V0215) AND ANTI-ALGAE PUMP (VEN)

OPEN AMPEROMETRIC CELL			CLOSED AMPEROMETRIC CELL		
€ 4498,00			€ 5353,00		
ETHERNET	GSM	WIFI	ETHERNET	GSM	WIFI
+ € 147,00	+ € 378,00	+ € 200,00	+ € 147,00	+ € 378,00	+ € 200,00

## Dosing stations

### All in one solutions

Dosing stations are assembled to include:

- Dosing pumps
- Suction lances
- Mixer
- Water makeup valve
- Water bleed valve

Dosing stations are complete solutions and only pump mounting, electric and piping operations are the responsibility of the client.



Models	Tanks	Pumps (mod.)	Mixers (mod.)	Suction lances
CNT50 <sup>2</sup>	50 litres	- V (with bracket) - K	- MIX MAN	- LASP4 - LASP5
CNT110 <sup>1 2</sup>	110 litres	- V (with bracket) - K - A - T (with bracket)	- MIX8N - MIXV8N	- LASP4 - LASP5
CNT200 <sup>1 2</sup>	200 litres	- V (with bracket) - K - A - T (with bracket)	- MIX8N - MIXV8N - MIX4N - MIXV4N - MIXV2N	- LASP4 - LASP5
CNT500 <sup>1 2</sup>	500 litres	- V (with bracket) - K - A - T (with bracket) - PRIUS (with support)	- MIXV4N - MIX4N - MIXV2N	- LASP4 - LASP5
CNT1000 <sup>1 2 3</sup>	1000 litres	- V (with bracket) - K (with bracket) - A (with bracket) - T (with bracket) - PRIUS (with bracket)	- MIX4N - MIXV2N - MIX2	- LASP1 - LASP3

## Systems on skids or in custom-made cabins

### All in one solutions

The Stainless Steel or plastic skid is designed and built on client requirements.

In addition to the solution on skids, it is possible to create dosing plants in a cabin, screen guard or with window.

Electric control panels designed to control all the assembled solution.

The final product includes electrical and piping hook-ups ready for installation.





**01**Stepper motor  
dosing pumps**02**Motor-driven  
dosing pumps**03**Solenoid-driven  
dosing pumps**04**Disinfection  
systems**05**

Controllers

**06**Pulse emitting  
water meters**07**

Probes

**08**

Accessories

## CTFI

### Wet dial



model	description	price
■ CTFI 15	Fittings 1/2"	€ 107,00
■ CTFI 20	Fittings 3/4"	€ 122,00
■ CTFI 25	Fittings 1"	€ 181,00
■ CTFI 30	Fittings 1.1/4"	€ 230,00
■ CTFI 40	Fittings 1.1/2"	€ 381,00
■ CTFI 50	Fittings 2"	€ 723,00

MAX 30° C - 16 BAR  
Cold water pulse emitting water meter.  
2,5 m cable.

## CTFIT

### Wet dial



model	description	price
■ CTFIT 15	Fittings 1/2"	€ 199,00
■ CTFIT 20	Fittings 3/4"	€ 216,00
■ CTFIT 25	Fittings 1"	€ 273,00
■ CTFIT 30	Fittings 1.1/4"	€ 323,00
■ CTFIT 40	Fittings 1.1/2"	€ 480,00

MAX 30°C - 16 BAR  
Cold water pulse emitting water meter.  
Internal and external PTFE coating.  
2,5 m cable.

## CATFI Dry dial



model	description	price
■ CATFI 15	Fittings 1/2"	€ 147,00
■ CATFI 20	Fittings 3/4"	€ 169,00
■ CATFI 25	Fittings 1"	€ 256,00
■ CATFI 30	Fittings 1.1/4"	€ 323,00
■ CATFI 40	Fittings 1.1/2"	€ 531,00
■ CATFI 50	Fittings 2"	€ 1012,00

MAX 30°C - 16 BAR  
Cold water pulse emitting water meter.  
2,5 m cable.

## CATCI Dry dial



model	description	price
■ CATCI 15	Fittings 1/2"	€ 158,00
■ CATCI 20	Fittings 3/4"	€ 181,00
■ CATCI 25	Fittings 1"	€ 273,00
■ CATCI 30	Fittings 1.1/4"	€ 345,00
■ CATCI 40	Fittings 1.1/2"	€ 574,00
■ CATCI 50	Fittings 2"	€ 1085,00

MAX 90°C - 16 BAR  
HOT water pulse emitting water meter.  
2,5 m cable.

## CATFIT Dry dial



model	description	price
■ CATFIT 15	Fittings 1/2"	€ 240,00
■ CATFIT 20	Fittings 3/4"	€ 263,00
■ CATFIT 25	Fittings 1"	€ 349,00
■ CATFIT 30	Fittings 1.1/4"	€ 410,00
■ CATFIT 40	Fittings 1.1/2"	€ 631,00

MAX 30°C - 16 BAR  
Cold water pulse emitting water meter.  
Internal and external PTFE coating.  
2,5 m cable.

## CATCIT Dry dial



model	description	price
■ CATCIT 15	Fittings 1/2"	€ 250,00
■ CATCIT 20	Fittings 3/4"	€ 273,00
■ CATCIT 25	Fittings 1"	€ 366,00
■ CATCIT 30	Fittings 1.1/4"	€ 434,00
■ CATCIT 40	Fittings 1.1/2"	€ 671,00

MAX 90° C - 16 BAR  
Cold water pulse emitting water meter.  
Internal and external PTFE coating.  
2,5m cable.

## CWFA Dry dial



model	description	price
■ CWFA 50	Flange 2"	€ 808,00
■ CWFA 65	Flange 2.1/2"	€ 953,00
■ CWFA 80	Flange 3"	€ 1068,00
■ CWFA 100	Flange 4"	€ 1255,00
■ CWFA 150	Flange 6"	€ 1828,00
■ CWFA 200	Flange 8"	€ 2284,00
■ CWFA 250	Flange 10"	€ 3686,00

MAX 60°C - 16 BAR  
Woltman cold water pulse emitting  
water meter.  
2,5 m cable.



## CWCA Dry dial



model (1 pulse /100 litres)	description	price
■ <b>CWCA 50</b>	Flange 2"	€ 1045,00
■ <b>CWCA 65</b>	Flange 2.1/2"	€ 1233,00
■ <b>CWCA 80</b>	Flange 3"	€ 1339,00
■ <b>CWCA 100</b>	Flange 4"	€ 1663,00
model (1 pulse/1000 litres)	description	price
■ <b>CWCA 150</b>	Flange 6"	€ 2252,00

**MAX 130°C - 16 BAR**  
Woltman cold water pulse emitting water meter. 2,5 m cable.

## CWFAT Dry dial



model	description	price
■ <b>CWFAT 50</b>	Flange 2"	€ 1045,00
■ <b>CWFAT 65</b>	Flange 2.1/2"	€ 1233,00
■ <b>CWFAT 80</b>	Flange 3"	€ 1339,00
■ <b>CWFAT 100</b>	Flange 4"	€ 1663,00

**MAX 60°C - 16 BAR**  
Woltman hot water pulse emitting water meter  
Internal and external PTFE coating  
2,5 m cable.

## ACCESSORIES

model	description	price
<b>EXTRA PER METER FOR CABLE</b>	Extra price per meter for longer cable	€ 1,68
<b>10888301</b>	Reed to plc interface	€ 71,00
<b>RIPFLOW</b>	Pulse emitter water meter system connection to pumps or other devices (i.E. Plc). Galvanic isolation and relay output	€ 175,00

## TIMER

model	description	price
<b>04106500</b>	Timer ctfi15 1/2" 4i/	€ 17,30
<b>04107811</b>	Timer catfi 5 1/2" 4i/	€ 21,40
<b>04108241</b>	Timer catci15 1/2" 4i/l	€ 23,90
<b>04108001</b>	Timer catfi20 3/4" 4i/	€ 24,90
<b>04105751</b>	Timer ctfi 20 3/4" 4i/	€ 24,90
<b>04108251</b>	Timer catci20 3/4" 4i/l	€ 26,20
<b>04106231</b>	Timer catfi25 1" 4i/l	€ 28,70
<b>04105921</b>	Timer catfi30 1 1/4" 4i/	€ 32,70
<b>04108281</b>	Timer catci25 1" 4i/l	€ 33,90
<b>04108721</b>	Timer catfi40 1-1/2" 4i/	€ 36,30
<b>04108291</b>	Timer catci30 1-1/4" 4i/l	€ 37,60
<b>04105761</b>	Timer ctfi25 1" 4i/	€ 37,60
<b>04108301</b>	Timer catci40 1-1/2" 4i/l	€ 41,10
<b>04106151</b>	Timer ctfi30 1" 1/4" 4i/	€ 41,10
<b>04105781</b>	Timer ctfi40 1 1/2" 4i/	€ 46,40
<b>04107911</b>	Timer catfi50 2" 4i/	€ 55,00
<b>04108741</b>	Timer catci50 2" 4i/l	€ 65,00
<b>04106221</b>	Timer ctfi50 2" 4i/	€ 71,00
<b>04106511</b>	Timer cwfa50 2" 4i/10l	€ 162,00
<b>04106381</b>	Timer cwfa65 2"1/2 4i/10l	€ 173,00
<b>04106211</b>	Timer cwfa80 3" 4i/10l	€ 190,00
<b>04106241</b>	Timer cwfa100 4" 4i/100l	€ 203,00

## GLASS

model	description	price
<b>04106340</b>	Cable+connector x catfi/catci 3m	€ 47,10
<b>04503051</b>	Glass ctfi 15-20 sl+bnc	€ 47,10
<b>04500641</b>	Glass ctfi 15-20 sl+bn	€ 47,10
<b>04503011</b>	Glass ctfi 25-30 sl+bnc	€ 52,00
<b>04500531</b>	Glass ctfi 25-30 sl+bn	€ 52,00
<b>04500621</b>	Glass ctfi 40-50 sl+bn	€ 52,00
<b>04503031</b>	Glass ctfi 40-50 sl+bnc	€ 57,00
<b>04108700</b>	Glass catfi/catci 15-20 1/2/4 pulse	€ 60,00
<b>04106860</b>	Glass catfi/catci 15-20 35/70	€ 60,00
<b>04107950</b>	Glass catfi/catci 25-30-40-50 1/2/4 pulses	€ 60,00
<b>04500851</b>	Glass wmc 1-2-4 pulses+bnc	€ 60,00

## ORING

model	description	price
<b>04108470</b>	Sliding spacer for 1/2" - 3/4" water meter	€ 1,56
<b>04108480</b>	Sliding spacer for 1" - 1-1/4" water meter	€ 1,68
<b>04108490</b>	Sliding spacer for 1-1/2" - 2" water meter	€ 3,01
<b>02600870</b>	Black Oring ctfi25-3	€ 4,34
<b>02601260</b>	Black Oring ctfi15-2	€ 4,34
<b>02602850</b>	Black Oring ctfi40 1 1/2	€ 4,34
<b>02600890</b>	Black Oring ctfi50 2"	€ 5,66

## GENERAL NOTES

Woltmann meters and turbine without pulse launcher are available.

Pulses per liter table for CWFA / CWFII								
	Water Meter Caliber							
	50 - 2"	65 - 2,5"	80 - 3"	100 - 4"	150 - 6"	200 - 8"	250 - 10"	300 - 12"
Pulses for 10 lt	1-2-4	1-2-4	1-2-4	n/a	n/a	n/a	n/a	n/a
Pulses for 100 lt	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	n/a	n/a	n/a
Pulses for 1000 lt	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4
Pulses for 10000 lt	n/a	n/a	n/a	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4

Pulses per liter table for CTFI / CTFIT						
	Water Meter Caliber					
	15	20	25	30	40	50
Pulses for 1 lt	35 - 70 - 140 1-2-4	22.5 - 90 1-2-4	12 - 24 48 1-2-4	12 - 24 48 1-2-4	4.5 - 9 18 1-2-4	1-2-4
Pulses for 10 lt	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4
Pulses for 100 lt	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4
Pulses for 1000 lt	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4

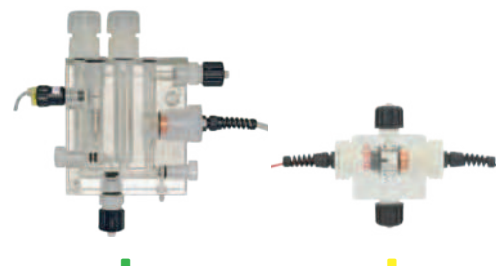
Pulses per liter table for CATFI / CATCI						
	Water Meter Caliber					
	15	20	25	30	40	50
Pulses for 1 lt	35 - 1-2-4	22.5 - 90 1-2-4	1-2-4	1-2-4	1-2-4	1-2-4
Pulses for 10 lt	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4
Pulses for 100 lt	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4
Pulses for 1000 lt	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4	1-2-4

01	02	03	04	05	06	07	08
Stepper motor dosing pumps	Motor-driven dosing pumps	Solenoid-driven dosing pumps	Disinfection systems	Controllers	Pulse emitting water meters	Probes	Accessories

## ECL

### Open amperometric cells

- Chlorine probes (hypochlorous acid)
- Probe holders can contain up to three probes (temperature, pH and ORP)
- The flow of water within this cell must remain constant and within 40 l/min. A pressure stabilizer is available for areas subject to sudden pressure changes
- Stable and reliable measurement even with low chlorine concentrations values
- Acrylic body
- Proximity flow sensor controlled (ECL6; ECL6/E; ECL7; ECL12; ECL12/E)
- 2 m cable (1 m if on panel)



model	measure	range	bar	temperature (°C)	fitting	flow level control	flow sensor	probe-holder	price
■ <b>ECL20</b>	free chlorine (organic and inorganic) for fresh water	0-10 mg/l [ppm] Cl <sub>2</sub>	0,4-5	5-40	6x8	-	-	-	€ 690,00
■ <b>ECL21</b>	free chlorine (organic and inorganic) for salt water	0-10 mg/l [ppm] Cl <sub>2</sub>	0,4-5	5-40	6x8	-	-	-	€ 830,00
■ <b>ECL6/E</b>	free chlorine (organic and inorganic)	0-10 mg/l [ppm] Cl <sub>2</sub>	0,4-5	5-40	6x8	■	■	Temp.	€ 923,00
■ <b>ECL12/E</b>	free chlorine (organic and inorganic) for salt water	0-10 mg/l [ppm] Cl <sub>2</sub>	0,4-5	5-40	6x8	■	■	Temp.	€ 923,00
■ <b>ECL12</b>	free chlorine (organic and inorganic) for salt water	0-10 mg/l [ppm] Cl <sub>2</sub>	0,4-5	5-40	6x8	■	■	Temp/pH/orp (pg13,5)	€ 1279,00
■ <b>ECL7</b>	free chlorine (organic and inorganic)	0-10 mg/l [ppm] Cl <sub>2</sub>	0,4-5	5-40	6x8	■	■	Temp/pH/orp (pg13,5)	€ 1279,00
■ <b>ECL6</b>	free chlorine (organic and inorganic)	0-10 mg/l [ppm] Cl <sub>2</sub>	0,4-5	5-40	6x8	■	■	Temp/pH/orp	€ 1279,00

### ELECTRODE

model	description	price
<b>ELE/PR</b>	ELE/PR (Pt / Cu) for ECL6 / ECL7 2MT 2 cables	€ 482,00
<b>ELE/PR BNC</b>	ELE/PR (Pt / Cu) for ECL6 / ECL7 2MT BNC	€ 482,00
<b>ELE12 2 FILI</b>	ELE12 (Ag / Pt) for ECL12 2MT 2 cables	€ 482,00
<b>ELE12 BNC</b>	ELE12 (Ag / Pt) for ECL12 2MT BNC	€ 482,00
<b>ELE/P</b>	ELE/P (Pt) for ECL20 2MT 1 cable	€ 482,00
<b>ELE/A</b>	ELE/A (Ag) for ECL5 2MT 1 cable	€ 234,00
<b>ELE/R</b>	ELE/R (Cu) for ECL20 2MT 1 cable	€ 137,00

### BALLS

model	description	price
<b>BIG2</b>	Glass balls ø2 for ECL4/5/6/7 (100PZ)	€ 22,30

### PROXIMITY SENSOR

model	description	price
<b>SEPR</b>	SEPR proximity sensor (2m)	€ 76,00

### LED STRIP

description	price
LED strip for ECL6	€ 105,00

# SCL

## Closed amperometric cells

- Chlorine probes for chlorine and chlorine dioxide measurement
- Stables and reliables measurement even for low chlorine concentration
- Low pH dependency for chlorine dioxide measurement
- They are equipped with a special membrane system, except for SCL17 and SCL 18. The probe has to be installed into a probe holder and connected to a measuring and control instrument
- 1 m cable



model	measure	range	bar	temperature (°C)	price
■ <b>SCL2/0,5</b>	chlorine dioxide	0-0,5 mg/l [ppm] ClO <sub>2</sub>	0-1	1-40	€ 1354,00
■ <b>SCL2/2</b>	chlorine dioxide	0-2 mg/l [ppm] ClO <sub>2</sub>	0-1	1-40	€ 1354,00
■ <b>SCL2/20</b>	chlorine dioxide	0-20 mg/l [ppm] ClO <sub>2</sub>	0-1	1-40	€ 1354,00
■ <b>SCL3S/20</b>	free chlorine (organic and inorganic)	0-20 mg/l [ppm] Cl <sub>2</sub>	0-1	5-45	€ 1560,00
■ <b>SCL3N/0,5</b>	free chlorine (inorganic)	0-0,5 mg/l [ppm] Cl <sub>2</sub>	0-1	1-40	€ 1560,00
■ <b>SCL3N/2</b>	free chlorine (inorganic)	0-2 mg/l [ppm] Cl <sub>2</sub>	0-1	1-40	€ 1560,00
■ <b>SCL3N/20</b>	free chlorine (inorganic)	0-20 mg/l [ppm] Cl <sub>2</sub>	0-1	1-40	€ 1560,00
■ <b>SCL8/2</b>	total chlorine	0-2 mg/l [ppm] Cl <sub>2</sub>	0-1	1-40	€ 1560,00
■ <b>SCL8/20</b>	total chlorine	0-20 mg/l [ppm] Cl <sub>2</sub>	0-1	1-40	€ 1560,00
■ <b>SCL9/200</b>	hydrogen peroxyde	0-200 mg/l [ppm] H <sub>2</sub> O <sub>2</sub>	0-1	1-40	€ 1694,00
■ <b>SCL10/2</b>	ozone	0-2 mg/l [ppm] O <sub>3</sub>	0-1	1-40	€ 1694,00
■ <b>SCL10/20</b>	ozone	0-20 mg/l [ppm] O <sub>3</sub>	0-1	1-40	€ 1694,00
■ <b>SCL11/200</b>	peracetic acid	0-200 mg/l [ppm] PAA	0-1	1-40	€ 1694,00
■ <b>SCL11/2000</b>	peracetic acid	0-2000 mg/l [ppm] PAA	0-1	1-40	€ 1694,00
■ <b>SCL17/0,5</b>	chlorine dioxide self cleaning	0-0,5 mg/l [ppm] ClO <sub>2</sub>	0-8	5-70	€ 2274,00
■ <b>SCL17/2</b>	chlorine dioxide self cleaning	0-2 mg/l [ppm] ClO <sub>2</sub>	0-8	5-70	€ 2274,00
■ <b>SCL17/20</b>	chlorine dioxide self cleaning	0-20 mg/l [ppm] ClO <sub>2</sub>	0-8	5-70	€ 2274,00
■ <b>SCL18/0,5</b>	free chlorine (inorganic) self cleaning	0-0,5 mg/l [ppm] Cl <sub>2</sub>	0-8	5-70	€ 2274,00
■ <b>SCL18/2</b>	free chlorine (inorganic) self cleaning	0-2 mg/l [ppm] Cl <sub>2</sub>	0-8	5-70	€ 2274,00
■ <b>SCL18/20</b>	free chlorine (inorganic) self cleaning	0-20 mg/l [ppm] Cl <sub>2</sub>	0-8	5-70	€ 2274,00
■ <b>SBR/20</b>	bromine	0-20 mg/l [ppm] br	0-1	1-40	€ 2201,00
■ <b>SCT/2</b>	chlorites	0-2 mg/l [ppm] ClO <sub>2</sub> -	0-1	1-40	€ 1865,00

## MEMBRANE

model	description	price
<b>MESCL</b>	MESCL MEMBRANE FOR SCL3S-SCL8/20-SCL8/2	€ 162,00
<b>MESCL3N</b>	MESCL3N MEMBRANE FOR SCL-3N/2-SCL3N/20-SBR1/20	€ 162,00
<b>MESCL2</b>	MESCL2 MEMBRANE FOR SCL2/2-SCL2/20-SCL10/2-SCL10/20	€ 162,00
<b>MESCL9</b>	MESCL9 MEMBRANE FOR SCL9/50/200	€ 425,00
<b>MESCL11</b>	MESCL11 MEMBRANE FOR SCL11/200	€ 350,00

## ELECTROLYTE

model	description	price
<b>ELESCL</b>	ELESCL ELECTROLYTE FOR SCL3S-SCL8/2-SCL8/20	€ 64,00
<b>ELESCL3N</b>	ELESCL3N ELECTROLYTE FOR SCL-3N/2-SCL3N/20 50ml	€ 137,00
<b>ELESCL17/18</b>	ELESCL17/18 ELECTROLYTE FOR SCL17/2-17/20-18/2-18/20 100ml	€ 213,00
<b>ELESCL2</b>	ELESCL2 ELECTROLYTE FOR SCL2	€ 68,00
<b>ELESCL9</b>	ELESCL9 ELECTROLYTE FOR SCL9/200	€ 102,00
<b>ELESCL10</b>	ELESCL10 ELECTROLYTE FOR SCL10	€ 68,00
<b>ELESCL11</b>	ELESCL11 ELECTROLYTE FOR SCL11	€ 102,00
<b>ELESBR</b>	ELESBR ELECTROLYTE FOR SBR1/20	€ 278,00

## EPH pH probes

- Probes for pH measurement
- Epoxy body
- Cable available in different length



model	electrode	range	bar	temperature (°C)	connection	cable (m)	body	min conductivity	price
■ <b>EPHS</b>	pH combined	0 - 14 pH	0 - 7	0 - 70	bnc	1,5	epoxy	100 µS	€ 122,00
■ <b>EPHM</b>	pH combined	0 - 14 pH	0-7	0 - 70	bnc	5,5	epoxy	100 µS	€ 128,00
■ <b>EPHL</b>	pH combined	0 - 14 pH	0-7	0 - 70	bnc	15	epoxy	100 µS	€ 156,00
■ <b>EPHSN6</b>	pH combined	0 - 14 pH	0 - 7	0 - 70	sn6/pg13,5	0	epoxy	100 µS	€ 175,00
■ <b>EPHMD</b>	pH - double junction - combined	0 - 14 pH	0 - 7	0 - 70	bnc	5,5	epoxy	100 µS	€ 210,00
■ <b>EPHMD/100</b>	pH - double junction - combined	0 - 14 pH	0 - 7	0-100	bnc	5,5	epoxy	100 µS	€ 210,00
■ <b>EPHMD/SN6</b>	pH - double junction - combined	0 - 14 pH	0 - 7	0 - 70	sn6/pg13,5	0	epoxy	100 µS	€ 262,00
■ <b>EPHMD/LI</b>	pH - double junction - combined for Low Ionic application (low conductivity)	0 - 14 pH	0 - 7	0 - 70	bnc	5,5	epoxy	3 µS	€ 262,00
■ <b>EPHSC</b>	pH - double junction - combined - self cleaning	0 - 14 pH	0 - 7	0 - 70	bnc	5,5	epoxy	100 µS	€ 269,00
■ <b>EPHM/HF</b>	pH - double junction - combined - fluoridric acid resistant (1%)	0 - 14 pH	0 - 7	0-70	bnc	0	epoxy	100 µS	€ 274,00
■ <b>EPHSC/SN6</b>	pH - double junction - combined - self cleaning	0 - 14 pH	0 - 7	0 - 70	sn6/pg13,5	0	epoxy	100 µS	€ 318,00
■ <b>EPHSN6/GK</b>	pH - High temperature (-5/135 °C) 0/14 pH	0 - 14 pH	0 - 10	-5 - 135	sn6/pg13,5	0	gl	150 µS	€ 367,00

### ACCESSORIES FOR PH/SN6 PROBES INSTALLATION

model	description	price
<b>CASN6S</b>	CASN6S BNC/SN6 CABLE 5MT X EPHSN6/ERHSN6	€ 76,00
<b>CASN6M</b>	CASN6M-BNC/SN6 CABLE 10MT	€ 94,00
<b>CASN6L</b>	CASN6L-BNC/SN6 CABLE 15MT	€ 113,00
<b>GHIERA PG13,5</b>	PG13,5 thread nut for pH/ORP probes	€ 3,14

### BUFFER SOLUTIONS

model	description	price
<b>BSA</b>	BSA BUFFER SOLUTION PH4 - 50ML	€ 5,77
<b>BSB</b>	BSB BUFFER SOLUTION PH7 - 50ML	€ 5,77
<b>BSC</b>	BSC BUFFER SOLUTION PH9 - 50ML	€ 5,77
<b>BSP</b>	BSP maintenance solution - 50ML	€ 5,77

## ERH ORP probes

- › Probes for ORP measurement
- › Epoxy or glass body
- › Cable available in different length



model	electrode	range	bar	temperature (°C)	connection	cable (m)	body	min conductivity	price
■ <b>ERHS</b>	ORP - combined	-1000/+1000 mv	0-7	0-70	bnc	1,5	epoxy	100 µS	€ 128,00
■ <b>ERHM</b>	ORP - combined	-1000/+1000 mv	0-7	0-70	bnc	5,5	epoxy	100 µS	€ 135,00
■ <b>ERHL</b>	ORP - combined	-1000/+1000 mv	0-7	0-70	bnc	15	epoxy	100 µS	€ 156,00
■ <b>ERHSN6</b>	ORP - combined	-1000/+1000 mv	0-7	0-70	sn6/pg13,5	0	epoxy	100 µS	€ 175,00
■ <b>ERHM/D</b>	ORP - double junction - combined	-1000/+1000 mv	0-7	0-70	bnc	5,5	epoxy	100 µS	€ 221,00
■ <b>ERHMD/100</b>	ORP - double junction - combined	-1000/+1000 mv	0-7	0-100	bnc	5,5	epoxy	100 µS	€ 221,00
■ <b>ERHSC</b>	ORP - double junction - combined - self cleaning	-1000/+1000 mv	0-7	0-70	bnc	5,5	epoxy	100 µS	€ 276,00
■ <b>ERHHLB/SN6</b>	ORP - combined for low Cl <sub>2</sub> concentration	-1000/+1000 mv	0-6	0-80	sn6/pg13,5	0	gl	100 µS	€ 308,00
■ <b>ERHSC/SN6</b>	ORP - double junction - combined - self cleaning	-1000/+1000 mv	0-7	0-70	sn6/pg13,5	0	epoxy	100 µS	€ 324,00

### ACCESSORIES FOR ORP/SN6 PROBES INSTALLATION

model	description	price
<b>CASN6S</b>	CASN6S BNC/SN6 CABLE 5MT X EPHSN6/ERHSN6	€ 76,00
<b>CASN6M</b>	CASN6M-BNC/SN6 CABLE 10MT	€ 94,00
<b>CASN6L</b>	CASN6L-BNC/SN6 CABLE 15MT	€ 113,00
<b>GHIERA PG13,5</b>	PG13,5 thread nut for pH/ORP probes	€ 3,14

### BUFFER SOLUTIONS

description	price
BSD BUFFER SOLUTION 650MV - 50ML	€ 9,62

## ECDH

### High linearity conductivity probes

- High linearity conductivity probes
- Epoxy body
- Platinum electrodes
- 4,5 m cable/connector



model	electrode	range	bar	temperature (°C)	temp. sensor	cable (m)	body	price
■ ECDHL/10	platinum k10	20-200 ms	0-7	0-70	-	4.5	epoxy	€ 292,00
■ ECDHL/01	platinum k 0,1	0-200 µS	0-7	0-70	-	4.5	epoxy	€ 292,00
■ ECDHL/1	platinum k 1	0.2-20 ms	0-7	0-70	-	4.5	epoxy	€ 292,00
■ ECDHLC/01	platinum k 0,1	0-200 µS	0-7	0-70	ntc	4.5	epoxy	€ 398,00
■ ECDHLC/10	platinum k10	20-200 ms	0-7	0-70	ntc	4.5	epoxy	€ 398,00
■ ECDHLC/1	platinum k1	0.2-20 ms	0-7	0-70	ntc	4.5	epoxy	€ 398,00
■ ECDHLCPT/1	platinum k1	0.2-20 ms	0-7	0-70	pt100	4.5	epoxy	€ 398,00
■ ECDHLCPT/10	platinum k10	20-200 ms	0-7	0-70	pt100	4.5	epoxy	€ 398,00
■ ECDHLCPT/01	platinum k0,1	0-200 µS	0-7	0-70	pt100	4.5	epoxy	€ 398,00

### BUFFER SOLUTIONS

model	description	price
<b>BSI</b>	BSI BUFFER SOLUTION CD 12880 µS - 50ML	€ 5,77
<b>BSE</b>	BSE BUFFER SOLUTION CD1413 µS - 50ML	€ 5,77
<b>BSE84</b>	BSE84 BUFFER SOLUTION 84µS - 50ML	€ 5,77

### CABLE

description	price
Extra price for each m cable.	€ 1,68



## ECDC

### Conductivity probes with graphite electrode

- Conductivity probes with graphite electrode
- PVDF body
- 5 m cable/connector (10 m / 15 m / 20 m also available)



model	electrode	range	bar	temperature (°C)	temp. sensor	fitting	cable (m)	body	price
■ <b>ECDC/1</b>	graphite k1	0-20 ms	0-7	0-60	-	R3/4" or G1/2"	5	PVDF	€ 81,00
■ <b>ECDC/10</b>	graphite k10	0-200 ms	0-7	0-60	-	R3/4"	5	PVDF	€ 125,00
■ <b>ECDC/1</b>	graphite k1	0-20 ms	0-7	0-60	ntc	R3/4" or G1/2"	5	PVDF	€ 94,00
■ <b>ECDC/10</b>	graphite k10	0-200 ms	0-7	0-60	ntc	R3/4"	5	PVDF	€ 137,00
■ <b>ECDCPT/1</b>	graphite k1	0-20 ms	0-7	0-60	pt100	R3/4" or G1/2"	5	PVDF	€ 108,00
■ <b>ECDCPT/10</b>	graphite k10	0-200 ms	0-7	0-60	pt100	R3/4"	5	PVDF	€ 153,00

#### Immersion models

model	electrode	range	bar	temperature (°C)	temp. sensor	fitting	cable (m)	body	price
■ <b>ECDCIM/1</b>	graphite k1	0-20 ms	0-7	0-60	-	R3/4" or G1/2"	5	PVDF	€ 81,00
■ <b>ECDCIM/1</b>	graphite k1	0-20 ms	0-7	0-60	ntc	R3/4" or G1/2"	5	PVDF	€ 94,00
■ <b>ECDCIMPT/1</b>	graphite k1	0-20 ms	0-7	0-60	pt100	R3/4" or G1/2"	5	PVDF	€ 108,00
■ <b>ECDCIM/10</b>	graphite k10	0-200 ms	0-7	0-60	-	G3/4"	5	PVDF	€ 125,00
■ <b>ECDCIM/10</b>	graphite k10	0-200 ms	0-7	0-60	ntc	G3/4"	5	PVDF	€ 137,00
■ <b>ECDCPTIM/10</b>	graphite k10	0-200 ms	0-7	0-60	pt100	G3/4"	5	PVDF	€ 153,00

### BUFFER SOLUTIONS

model	description	price
<b>BSI</b>	BSI BUFFER SOLUTION CD 12880 μS - 50ML	€ 5,77
<b>BSE</b>	BSE BUFFER SOLUTION CD1413 μS - 50ML	€ 5,77
<b>BSE84</b>	BSE84 BUFFER SOLUTION 84 μS - 50ML	€ 5,77

### CABLE

description	price
Extra price for each m cable.	€ 1,68

## ECDI

### Conductivity with stainless steel electrodes

- Conductivity probes with SS (AISI 316) electrodes
- PVDF body
- Stainless steel (AISI 316) electrodes
- 5 m cable/connector (10 m / 15 m / 20 m also available)



model	electrode	range	bar	temperature (°C)	cable (m)	body	temp. sensor	price
■ ECDI/01	SS k0,1	0-200 µS	0-7	0-60	5	PVDF	-	€ 76,00
■ ECDI/1	SS k1	0-5 mS	0-7	0-60	5	PVDF	-	€ 76,00
■ ECDIC/1	SS k1	0-5 mS	0-7	0-60	5	PVDF	NTC	€ 92,00
■ ECDIC/01	SS k0,1	0-200 µS	0-7	0-60	5	PVDF	NTC	€ 92,00
■ ECDICPT/01	SS k0,1	0-200 µS	0-7	0-60	5	PVDF	PT100	€ 105,00
■ ECDICPT/1	SS k1	0-5 mS	0-7	0-60	5	PVDF	PT100	€ 105,00

#### Montaggio ad immersione

model	electrode	range	bar	temperature (°C)	cable (m)	body	temp. sensor	price
■ ECDIIM/1	SS k1	0-5 mS	0-7	0-60	5	PVDF	-	€ 76,00
■ ECDIIM/01	SS k0,1	0-200 µS	0-7	0-60	5	PVDF	-	€ 76,00
■ ECDICIM/1	SS k1	0-5 mS	0-7	0-60	5	PVDF	NTC	€ 92,00
■ ECDICIM/01	SS k0,1	0-200 µS	0-7	0-60	5	PVDF	NTC	€ 92,00
■ ECDICPTIM/1	SS k1	0-5 mS	0-7	0-60	5	PVDF	PT100	€ 105,00
■ ECDICPTIM/01	SS k0,1	0-200 µS	0-7	0-60	5	PVDF	PT100	€ 105,00

#### BUFFER SOLUTIONS

model	description	price
<b>BSI</b>	BSI BUFFER SOLUTION CD 12880 µS - 50ML	€ 5,77
<b>BSE</b>	BSE BUFFER SOLUTION CD1413 µS - 50ML	€ 5,77
<b>BSE84</b>	BSE84 BUFFER SOLUTION 84 µS - 50ML	€ 5,77

#### CABLE

description	price
Extra price for each m cable.	€ 1,68

## EICD

### Stainless steel conductivity probes

- › Conductivity probes with SS (AISI 316) electrodes
- › Stainless steel (AISI 316) body
- › Stainless steel (AISI 316) electrodes
- › 5 m cable/connector (10 m / 15 m / 20 m also available)



model	electrode	range	bar	temperature (°C)	cable (m)	body	temp. sensor	price
■ EICDC/1	SS k1	0-20 mS	0-15	0-130	5	AISI 316	NTC	€ 232,00
■ EICDC/001	SS k0,01	0-20 µS	0-15	0-130	5	AISI 316	NTC	€ 232,00
■ EICDC/01	SS k0,1	0-200 µS	0-15	0-130	5	AISI 316	NTC	€ 232,00
■ EICDCPT/001	SS k0,01	0-20 µS	0-15	0-130	5	AISI 316	PT100	€ 240,00
■ EICDCPT/1	SS k1	0-20 mS	0-15	0-130	5	AISI 316	PT100	€ 240,00
■ EICDCPT/01	SS k0,1	0-200 µS	0-15	0-130	5	AISI 316	PT100	€ 240,00
■ EICDHPT/1	SS k1	0-20 mS	0-15	0-200	5	AISI 316	PT100	€ 337,00
■ EICDHPT/01	SS k0,1	0-200 µS	0-15	0-200	5	AISI 316	PT100	€ 337,00
■ EICDHPT/001	SS k0,01	0-20 µS	0-15	0-200	5	AISI 316	PT100	€ 337,00

### BUFFER SOLUTIONS

model	description	price
<b>BSI</b>	BSI BUFFER SOLUTION CD 12880 µS - 50ML	€ 5,77
<b>BSE</b>	BSE BUFFER SOLUTION CD1413 µS - 50ML	€ 5,77
<b>BSE84</b>	BSE84 BUFFER SOLUTION 84 µS - 50ML	€ 5,77

### CABLE

description	price
Extra price for each m cable.	€ 1,68

## ECDIND

### Inductive conductivity probes

- › Inductive conductivity probe
- › PEEK body
- › Stable reading
- › 4 m cable/connector
- › Autorange



model	range	bar	temperature (°C)	cable (m)	body	compensation	price
■ <b>ECDINDPT</b>	0,1-3mS;0,3-30mS;0,3-300mS	0-8	0-85	4	peek	PT100	€ 470,00

model	range	bar	temperature (°C)	cable (m)	body	compensation	price
■ <b>ECDSINDPT</b>	0,3-10 mS	0-8	0-85	4	peek	PT100	€ 296,00

#### BUFFER SOLUTIONS

model	description	price
<b>BSI</b>	BSI BUFFER SOLUTION CD 12880 μS - 50ML	€ 5,77
<b>BSE</b>	BSE BUFFER SOLUTION CD1413 μS - 50ML	€ 5,77
<b>BSE84</b>	BSE84 BUFFER SOLUTION 84 μS - 50ML	€ 5,77

#### CABLE

description	price
Extra price for each m cable.	€ 5,17

## EFL

### Fluoride probes

- › Ion Selective Electrodes (ISE's) for Fluoride (F-)
- › Stables and reliables measurement even for low chlorine concentration
- › These electrodes use just one electrode to measure ppm of ions.



model	measure	isopotential point	pH range	concentration range	temperature (°C)	pressure (bar)	cable (m)	price
■ <b>EFL</b>	Fluoride (F-)	F- : 240 + = / -20mV	F-: 5-7 pH	F- = 1 x 10 <sup>-5</sup> to 1m	0-60	0-1	1 m	€ 1885,00

## EOLUM

### Dissolved oxygen probes

- › Dissolved oxygen probes
- › Dissolved Oxygen probe based on fluorescence quenching principle measurement
- › Optical technology: low maintenance and high efficiency
- › 15 m cable/connector



model	range	bar	temperature (°C)	fittin	cable (m)	compensation	price
■ EOLUM	0-20 mg/l O <sub>2</sub>	0-10	-5 - 60	G1"	15	-	€ 2147,00

#### OPTIC MEMBRANE

model	price
MEMBRANE FOR EOLUM OPTIC	€ 538,00

#### CABLE

description	price
Extra price for each m cable	€ 5,17/m

## ECORR

### Corrosion

- › Corrosion rate sensor
- › Anti-electromagnetic interference (anti-EMI) design with stainless steel sensor body
- › RS-485 communication
- › Three O-ring grooves positioned on the sensor body allow insertion depth control
- › Ultra-low corrosion rate down to 0.001 MPY can be accurately measured
- › Generalized Corrosion & Localized Corrosion Rate



model	general range	localized range	pressure	temperature °C	cable (m)	conductivity	price
■ CR-300	0.001 - 10 MPY	0 - 100 (304 stainless steel in 10% ferric chloride as 100)	0 - 7	-10 - 50	1,5	10 - 10,000 µS/cm	€ 2977,00

#### ELECTRODE

model	description	price
CE-01	STEEL ELECTRODE for ECORR CR-300 probe	€ 205,00
CE-02	COPPER ELECTRODE for ECORR CR-300 probe	€ 205,00
CE-03	304 SS ELECTRODE for ECORR CR-300 probe	€ 205,00
CE-04	BRASS ELECTRODE for ECORR CR-300 probe	€ 423,00
CE-05	6061 ALUMINIUM ELECTRODE for ECORR CR-300 probe	€ 205,00

## ETRC2

### PTSA probes

- Tracers probes
- PVC body
- LED signal source



model	measure	range	bar	temperature (°C)	cable (m)	compensation	price
■ ETRC2	tracers	1-300 ppb	0-7	0-50	0,8	-	€ 3334,00

### BUFFER SOLUTION

description	price
BSTRC2 BUFFER SOLUTION - 500ML	€ 299,00

## ETORB2-A

### Turbidity probes

- Turbidity measurement system according to the 90° scattered light method
- Self-cleaning
- Inclined plain sensor surface
- Factory calibrated ("plug and play")
- Cable/connector 5 m
- ETORB2-IM: immersion probe



model	measure	range	bar	temperature (°C)	cable (m)	compensation	price
■ ETORB2-IM	turbidity	0-4000 NTU	0-1	0-40	10	PT100	€ 1411,00
■ ETORB2-A	turbidity	0-4000 NTU	0-1	0-40	5	PT100	€ 1411,00

## ETE

### Temperature probes

- Temperature probes
- PVDF body
- 5 m cable



model	electrode	range	bar	fitting	cable (m)	sensor	price
■ ETEP/CH18L	temperature compensation	0-100°C	0-10	G1/2"	5	NTC 10Kohm	€ 57,00
■ ETEP/CH18	temperature compensation	0-100°C	0-10	G1/2"	5	NTC 10Kohm	€ 57,00
■ ETEPT/CH18L	temperature compensation	0-100°C	0-10	G1/2"	5	PT100	€ 76,00
■ ETEPT/CH18	temperature compensation	0-100°C	0-10	G1/2"	5	PT100	€ 76,00

# SLL

## Level laser sensor

- Level laser sensor for quantity detection of liquids in tank
- Suitable for aggressive fluids because it is not in contact with the liqui
- Measuring range 0.2-10 m (Range referred to white paper, 90 % remission)
- 4-20 mA analogic or RS485 digital output

model	tank	1 level
■ SLL1000	level laser sensor for 1000 cnt pd	€ 584,00
■ SLL500	level laser sensor for 500 cnt pd	€ 584,00
■ SLL200	level laser sensor for 200 cnt pd	€ 584,00
■ SLL110	level laser sensor for 110 cnt pd	€ 584,00
■ SLL50	level laser sensor for 50 cnt pd	€ 584,00
SLL RLA	adjustable length	€ 694,00



# SLV

## Visual level indicator

- Visual level forCNT PD tanks

model	tank	price
■ SLV50	visual level indicator for 50 cnt pd	€ 175,00
■ SLV200	visual level indicator for 200 cnt pd	€ 175,00
■ SLV110	visual level indicator for 110 cnt pd	€ 175,00
■ SLV500	visual level indicator for 500 cnt pd	€ 175,00







**01**Stepper motor  
dosing pumps**02**Motor-driven  
dosing pumps**03**Solenoid-driven  
dosing pumps**04**Disinfection  
systems**05**

Controllers

**06**Pulse emitting  
water meters**07**

Probes

**08**

Accessories

## CNT PD

### Chemical tanks

- PE tanks for chemical mixing and dosing system with level indicator
- Tanks can be assembled with: metering pumps; suction lances; mixers; feed water valve; outgassing pump hose; outgassing valve on the higher top side; bleed water valve
- Dimensions: the dosing station footprint is only as large as the diameter of the chemical tank
- Mixers screwed on thread metal insert are tilted for better central mixing
- Dummy holes ensure chemical isolation
- Ready to be used with suction lances mod. LASP4 and LASP5 and SLL level laser sensors.



model	volume (l)	dimensions (mm) - Øxh	pumps	mixers	price
<b>CNT PD50</b>	50	420x505	V/K/Prisma	Mix man	€ 129,00
<b>CNT PD110</b>	110	495x735	V/K/A/T/Prisma	Mix8n/mixv8n	€ 163,00
<b>CNT PD200</b>	200	610x850	V/K/A/T/Prisma	Mix8n/mixv8n/mix4n/mixv4n/mixv2n	€ 340,00
<b>CNT PD500</b>	500	780x1200	V/K/A/T/Prius/Prisma	Mix4n/mixv4n/mixv2n	€ 587,00
<b>CNT PD1000</b>	1000	1120x1240	V/K/A/T/Prius/Prisma	Mix4n/mixv2n/mix2n	€ 1144,00

<sup>1</sup> Models ready for 2 suction lances

<sup>2</sup> Support for mixer and pump mounting: RIN10N

BLUE OR YELLOW (CNT PD 50 and CNT PD 120) TANKS: 10% EXTRA PRICE.

### SAFETY BUNDS

model	volume (l)	dimensions (mm) - Øxh	tanks	price
<b>COS PD50</b>	60	510	Cnt pd 50	€ 129,00
<b>COS PD110</b>	120	545	Cnt pd 110	€ 163,00
<b>COS PD200</b>	300	695	Cnt pd 200	€ 340,00
<b>COS PD500</b>	600	840	Cnt pd 500	€ 587,00
<b>COS PD1000</b>	1500	1240	Cnt pd 1000	€ 1144,00

BLUE OR YELLOW (COS PD 50 and COS PD 120) SAFETY BUNDS: 10% EXTRA PRICE

### ACCESSORIES

model	description	price
<b>10821321</b>	Bleed water valve kit 1/2" cnt pd	€ 44,10
<b>10820691</b>	Feed water valve kit 1/2" cnt pd	€ 44,10
<b>10868881</b>	Feed and bleed kit 1" cnt pd500	€ 75,00
<b>RIN10</b>	Support for mixer and pump mounting x cnt pd1000 PVC sp.=10mm	€ 198,00

# MIX

## Mixers with monophase and triphase motors

- The mixer is used with size tank from 120 l to 1000 l
- Main axis in Stainless Steel PVC coated
- Different shaft height
- Tank fixing flange

model	description <sup>1</sup>	height (cm) <sup>1</sup>	tanks	impeller	price
■ MIX2NMON 1100/65RPM	0,37 kw / 65 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 951,00
■ MIX2NMON 1100/200RPM	0,37 kw / 200 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 951,00
■ MIX2NMON 1100/400RPM	0,37 kw / 400 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 951,00
■ MIX2NTRI 1100/65RPM	0,37 kw / 65 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 951,00
■ MIX2NTRI 1100/200RPM	0,37 kw / 200 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 951,00
■ MIX2NTRI 1100/400RPM	0,37 kw / 400 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 951,00
■ MIX4NMON 730/65RPM	0,18 kw / 65 rpm	73	Cnt pd 200	4 blade d. 200 mm	€ 783,00
■ MIX4NMON 730/200RPM	0,18 kw / 200 rpm	73	Cnt pd 200	4 blade d. 200 mm	€ 783,00
■ MIX4NMON 730/400RPM	0,18 kw / 400 rpm	73	Cnt pd 200	4 blade d. 200 mm	€ 783,00
■ MIX4NMON 980/65RPM	0,18 kw / 65 rpm	98	Cnt pd 500	4 blade d. 200 mm	€ 783,00
■ MIX4NMON 980/200RPM	0,18 kw / 200 rpm	98	Cnt pd 500	4 blade d. 200 mm	€ 783,00
■ MIX4NMON 980/400RPM	0,18 kw / 400 rpm	98	Cnt pd 500	4 blade d. 200 mm	€ 783,00
■ MIX4NMON 1100/65RPM	0,18 kw / 65 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 783,00
■ MIX4NMON 1100/200RPM	0,18 kw / 200 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 783,00
■ MIX4NMON 1100/400RPM	0,18 kw / 400 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 730/65RPM	0,18 kw / 65 rpm	73	Cnt pd 200	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 730/200RPM	0,18 kw / 200 rpm	73	Cnt pd 200	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 730/400RPM	0,18 kw / 400 rpm	73	Cnt pd 200	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 980/65RPM	0,18 kw / 65 rpm	98	Cnt pd 500	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 980/200RPM	0,18 kw / 200 rpm	98	Cnt pd 500	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 980/400RPM	0,18 kw / 400 rpm	98	Cnt pd 500	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 1100/65RPM	0,18 kw / 65 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 1100/200RPM	0,18 kw / 200 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 783,00
■ MIX4NTRI 1100/400RPM	0,18 kw / 400 rpm	110	Cnt pd 1000	4 blade d. 200 mm	€ 783,00
■ MIX8NMON 630/65RPM	0,09 kw / 65 rpm	63	Cnt pd 110	3 blade d. 150 mm	€ 748,00
■ MIX8NMON 630/200RPM	0,09 kw / 200 rpm	63	Cnt pd 110	3 blade d. 150 mm	€ 748,00
■ MIX8NMON 730/65RPM	0,09 kw / 65 rpm	73	Cnt pd 200	3 blade d. 150 mm	€ 748,00
■ MIX8NMON 730/200RPM	0,09 kw / 200 rpm	73	Cnt pd 200	3 blade d. 150 mm	€ 748,00
■ MIX8NTRI 630/65RPM	0,09 kw / 65 rpm	63	Cnt pd 110	3 blade d. 150 mm	€ 748,00
■ MIX8NTRI 630/200RPM	0,09 kw / 200 rpm	63	Cnt pd 110	3 blade d. 150 mm	€ 748,00
■ MIX8NTRI 730/65RPM	0,09 kw / 65 rpm	73	Cnt pd 200	3 blade d. 150 mm	€ 748,00
■ MIX8NTRI 730/200RPM	0,09 kw / 200 rpm	73	Cnt pd 200	3 blade d. 150 mm	€ 748,00
■ MIXV2NMON 730/1400RPM	0,37 kw / 1400 rpm	73	Cnt pd 200	marine d. 90 mm	€ 641,00
■ MIXV2NMON 980/1400RPM	0,37 kw / 1400 rpm	98	Cnt pd 500	marine d. 90 mm	€ 641,00
■ MIXV2NMON 1100/1400RPM	0,37 kw / 1400 rpm	110	Cnt pd 1000	marine d. 90 mm	€ 641,00
■ MIXV2NTRI 730/1400RPM	0,37 kw / 1400 rpm	73	Cnt pd 200	marine d. 90 mm	€ 641,00
■ MIXV2NTRI 980/1400RPM	0,37 kw / 1400 rpm	98	Cnt pd 500	marine d. 90 mm	€ 641,00
■ MIXV2NTRI 1100/1400RPM	0,37 kw / 1400 rpm	110	Cnt pd 1000	marine d. 90 mm	€ 641,00
■ MIXV4NMON 730/1400RPM	0,18 kw / 1400 rpm	73	Cnt pd 200	marine d. 90 mm	€ 572,00
■ MIXV4NMON 980/1400RPM	0,18 kw / 1400 rpm	98	Cnt pd 500	marine d. 90 mm	€ 572,00
■ MIXV4NTRI 730/1400RPM	0,18 kw / 1400 rpm	73	Cnt pd 200	marine d. 90 mm	€ 572,00
■ MIXV4NTRI 980/1400RPM	0,18 kw / 1400 rpm	98	Cnt pd 500	marine d. 90 mm	€ 572,00
■ MIXV8NMON 630/1400RPM	0,09 kw / 1400 rpm	63	Cnt pd 200	marine d. 70 mm	€ 533,00
■ MIXV8NMON 730/1400RPM	0,09 kw / 1400 rpm	73	Cnt pd 200	marine d. 70 mm	€ 533,00
■ MIXV8NTRI 630/1400RPM	0,09 kw / 1400 rpm	63	Cnt pd 110	marine d. 70 mm	€ 533,00
■ MIXV8NTRI 730/1400RPM	0,09 kw / 1400 rpm	73	Cnt pd 200	marine d. 70 mm	€ 533,00

<sup>1</sup> Specify on order: rotation speed (rpm) and shaft height.



## MIX MAN

### Manual mixers

- Manual mixer suitable for chemical tanks: 50, 110, 200, 500 l
- PVC shaft
- 2-blade impeller



model	height (cm)	tanks	impeller	price
■ MIX WITH PISTON	45	Cnt pd 50	-	€ 80,00
■ MIX MAN 45	45	Cnt pd 50	2 blades d. 130 mm	€ 129,00
■ MIX MAN 65	65	Cnt pd 110	2 blades d. 130 mm	€ 141,00
■ MIX MAN 77	77	Cnt pd 200	2 blades d. 130 mm	€ 153,00
■ MIX MAN 110	110	Cnt pd 500	2 blades d. 130 mm	€ 166,00

## SOIM

### Pulses dampeners

- Pulses dampeners without membrane
- Available with PVC or SS or PVDF head wetted parts



model	description	material	o-ring	volume (l)	temperature (°C)	pressure (bar)	price
■ SOIM3/D	Pulses dampener 3/8" 4x6	PVC	EPDM	0,09	25	10	€ 57,00
■ SOIM3/V	Pulses dampener 3/8" 4x6	PVC	Fkm b	0,09	25	10	€ 57,00
■ SOIM1/V	Pulses dampener 1/2" 4x6	PVC	Fkm b	0,5	25	5	€ 156,00
■ SOIM1/D	Pulses dampener 1/2" 6x8	PVC	EPDM	0,5	25	5	€ 156,00
■ SOIM1/V	Pulses dampener 1/2" 4x8	PVC	Fkm b	0,5	25	5	€ 156,00
■ SOIM1/D	Pulses dampener 1/2" 8x12	PVC	EPDM	0,5	25	5	€ 156,00
■ SOIM1/D	Pulses dampener 1/2" 8x10	PVC	EPDM	0,5	25	5	€ 156,00
■ SOIM1/D	Pulses dampener 1/2" 4x8	PVC	EPDM	0,5	25	5	€ 156,00
■ SOIM1/D	Pulses dampener 1/2" 4x6	PVC	EPDM	0,5	25	5	€ 156,00
■ SOIM1/V	Pulses dampener 1/2" 12x18	PVC	Fkm b	0,5	25	5	€ 156,00
■ SOIM1/V	Pulses dampener 1/2" 8x12	PVC	Fkm b	0,5	25	5	€ 156,00
■ SOIM1/V	Pulses dampener 1/2" 8x10	PVC	Fkm b	0,5	25	5	€ 156,00
■ SOIM1/V	Pulses dampener 1/2" 6x8	PVC	Fkm b	0,5	25	5	€ 156,00
■ SOIM3K/V	Pulses dampener 3/8" 4x6 PVDF	PVDF	Fkm b	0,09	25	10	€ 170,00
■ SOIM3K/D	Pulses dampener 3/8" 4x6 PVDF	PVDF	EPDM	0,09	25	10	€ 170,00
■ SOIM2,5/V - 3/4"X18	Pulses dampener - 3/4"x18	PVC	Fkm b	2,5	25	10	€ 294,00
■ SOIM2,5/V 3/4"X13	Pulses dampener 3/4"x13	PVC	Fkm b	2,5	25	10	€ 294,00
■ SOIM2,5/D - 3/4"X18	Pulses dampener - 3/4"x18	PVC	EPDM	2,5	25	10	€ 294,00
■ SOIM5/V - 1 1/4"X32	Pulses dampener - 1 1/4"x32	PVC	Fkm b	5	25	10	€ 426,00
■ SOIM5/D - 1 1/4"X32	Pulses dampener - 1 1/4"x32	PVC	EPDM	5	25	10	€ 426,00
■ SOIM1K/V	Pulses dampener PVDF 1/2" 6x8	PVDF	Fkm b	0,5	25	5	€ 624,00
■ SOIM1K/V	Pulses dampener PVDF 1/2" 8x12	PVDF	Fkm b	0,5	25	5	€ 624,00
■ SOIM1/SS/D - R1/2"	Pulses dampener r1/2"	SS	EPDM	0,5	130	10	€ 717,00
■ SOIM1/SS/V - R1/2"	Pulses dampener r1/2"	SS	Fkm b	0,5	130	10	€ 717,00

# LASP

## Suction lances

- › With level probe, foot valve and height adjustment system
- › For technical specifications refer to datasheet or contact technical support

model	material	o-ring	fittin		operating length (cm)	price
			suction	pipe		
■ <b>LASP4/D40</b>	PVC	EPDM	1/2" for hose 4x6	1 1/2"	40	€ 110,00
■ <b>LASP4/D40 TANK</b>	PVC	EPDM	1/2" for hose 4x6	1 1/2"	40	€ 110,00
■ <b>LASP4/D63</b>	PVC	EPDM	1/2" for hose 4x6	1 1/2"	63	€ 110,00
■ <b>LASP4/D63 TANK</b>	PVC	EPDM	1/2" for hose 4x6	1 1/2"	63	€ 110,00
■ <b>LASP4/D75</b>	PVC	EPDM	1/2" for hose 4x6	1 1/2"	75	€ 110,00
■ <b>LASP4/D95</b>	PVC	EPDM	1/2" for hose 4x6	1 1/2"	95	€ 125,00
■ <b>LASP4/D108</b>	PVC	EPDM	1/2" for hose 4x6	1 1/2"	108	€ 125,00
■ <b>LASP4/D122</b>	PVC	EPDM	1/2" for hose 4x6	1 1/2"	122	€ 125,00
■ <b>LASP4/V40</b>	PVC	Fkm b	1/2" for hose 4x6	1 1/2"	40	€ 110,00
■ <b>LASP4/V40 TANK</b>	PVC	Fkm b	1/2" for hose 4x6	1 1/2"	40	€ 110,00
■ <b>LASP4/V63</b>	PVC	Fkm b	1/2" for hose 4x6	1 1/2"	63	€ 110,00
■ <b>LASP4/V63 TANK</b>	PVC	Fkm b	1/2" for hose 4x6	1 1/2"	63	€ 110,00
■ <b>LASP4/V75</b>	PVC	Fkm b	1/2" for hose 4x6	1 1/2"	75	€ 110,00
■ <b>LASP4/V95</b>	PVC	Fkm b	1/2" for hose 4x6	1 1/2"	95	€ 125,00
■ <b>LASP4/V108</b>	PVC	Fkm b	1/2" for hose 4x6	1 1/2"	108	€ 125,00
■ <b>LASP4/V122</b>	PVC	Fkm b	1/2" for hose 4x6	1 1/2"	122	€ 125,00
■ <b>LASP5/D40</b>	PVC	EPDM	1/2" for hose 6x8 or 8x12	1 1/2"	40	€ 110,00
■ <b>LASP5/D63</b>	PVC	EPDM	1/2" for hose 6x8 or 8x12	1 1/2"	63	€ 110,00
■ <b>LASP5/D75</b>	PVC	EPDM	1/2" for hose 6x8 or 8x12	1 1/2"	75	€ 110,00
■ <b>LASP5/D95</b>	PVC	EPDM	1/2" for hose 6x8 or 8x12	1 1/2"	95	€ 125,00
■ <b>LASP5/D108</b>	PVC	EPDM	1/2" for hose 6x8 or 8x12	1 1/2"	108	€ 125,00
■ <b>LASP5/D122</b>	PVC	EPDM	1/2" for hose 6x8 or 8x12	1 1/2"	122	€ 125,00
■ <b>LASP5/V40</b>	PVC	Fkm b	1/2" for hose 6x8 or 8x12	1 1/2"	40	€ 110,00
■ <b>LASP5/V63</b>	PVC	Fkm b	1/2" for hose 6x8 or 8x12	1 1/2"	63	€ 110,00
■ <b>LASP5/V75</b>	PVC	Fkm b	1/2" for hose 6x8 or 8x12	1 1/2"	75	€ 110,00
■ <b>LASP5/V95</b>	PVC	Fkm b	1/2" for hose 6x8 or 8x12	1 1/2"	95	€ 125,00
■ <b>LASP5/V108</b>	PVC	Fkm b	1/2" for hose 6x8 or 8x12	1 1/2"	108	€ 125,00
■ <b>LASP5/V122</b>	PVC	Fkm b	1/2" for hose 6x8 or 8x12	1 1/2"	122	€ 125,00
■ <b>LASP6/V40</b>	PVDF	Fkm b	3/8" for hose 4x6	1 1/2"	40	€ 205,00
■ <b>LASP6/V63</b>	PVDF	Fkm b	3/8" for hose 4x6	1 1/2"	63	€ 205,00
■ <b>LASP6/V75</b>	PVDF	Fkm b	3/8" for hose 4x6	1 1/2"	75	€ 205,00
■ <b>LASP6/V108</b>	PVDF	Fkm b	3/8" for hose 4x6	1 1/2"	108	€ 232,00
■ <b>LASP6/V122</b>	PVDF	Fkm b	3/8" for hose 4x6	1 1/2"	122	€ 232,00

### EXTRA

model	price
<b>EXTRA PRICE FOR EACH M CABLE</b>	€ 1,68
<b>EXTRA LASP DOUBLE SUCTION<sup>1</sup> (LASP4/LASP5)</b>	€ 12,80
<b>EXTRA LASP DOUBLE LEVEL PROBE<sup>2</sup> (LASP4/LASP6)</b>	€ 25,80
<b>EXTRA COLORED LASP</b>	+10%

### ACCESSORIES

model	price
<b>KDPV</b>	€ 21,00



<sup>1</sup> Double suction requires KDPV kit.

<sup>2</sup> Specify, when ordering, the distance between the floating

■ Model for 20 kg tank

## MFKT

### Multifunction valves

- Multifunction valve for pressure, safety, anti-syphon, bleed
- Fittings for different hose diameters
- Discharge hose fitting 4x



model	material	o-ring	fitting	safety	valves pressure	bracket and hose fixing ki	price
■ MFKT/V	PVDF	Fkm b	1/2", 1/2", 3/8"	3-18 bar	1-5 bar	-	€ 97,00
■ MFKT/D	PVDF	EPDM	1/2", 1/2", 3/8"	3-18 bar	1-5 bar	-	€ 97,00
■ MFKT/D	PP	EPDM	1/2", 1/2", 3/8"	3-18 bar	1-5 bar	-	€ 97,00
■ MFKT/V	PP	Fkm b	1/2", 1/2", 3/8"	3-18 bar	1-5 bar	-	€ 97,00
■ MFKTS/V	PVDF	Fkm b	1/2", 1/2", 3/8"	3-18 bar	1-5 bar	■	€ 103,00
■ MFKTS/D	PVDF	EPDM	1/2", 1/2", 3/8"	3-18 bar	1-5 bar	■	€ 103,00
■ MFKTS/V	PP	Fkm b	1/2", 1/2", 3/8"	3-18 bar	1-5 bar	■	€ 103,00
■ MFKTS/D	PP	EPDM	1/2", 1/2", 3/8"	3-18 bar	1-5 bar	■	€ 103,00

## LEVEL LANCES

### Lances for measuring liquid level

- Up to three level probes
- With height adjustment system

model	height (cm)	tanks	1 level	2 levels	3 levels
■ LA LIV 40	40	Cnt pd 50	€ 117,00	€ 158,00	€ 187,00
■ LA LIV 63	63	Cnt pd 110	€ 117,00	€ 158,00	€ 187,00
■ LA LIV 75	75	Cnt pd 200	€ 117,00	€ 158,00	€ 187,00
■ LA LIV 108	108	Cnt pd 500	€ 124,00	€ 165,00	€ 192,00
■ LA LIV 122	122	Cnt pd 1000	€ 147,00	€ 192,00	€ 215,00



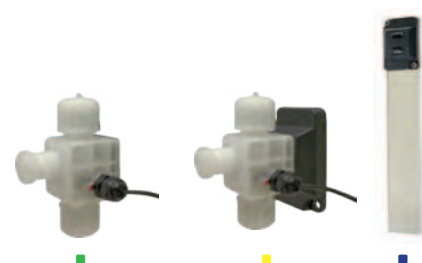
### ACCESSORIES

description	price
Extra price for each m cable	€ 1,68
Kit for connection of two proportional pumps to a pulse water meter. cable bnc/bnc (1m) and tbnc.	€ 21,00

## SEFL

### Flow sensors

- With activity LED



model	material	o-ring	fittin	temperature (°C)	pressure (bar)	bracket and hose fixing ki	price
■ SEFL/D	PP	EPDM	1/2"- 3/8"	45	25	-	€ 147,00
■ SEFL/V	PVDF	Fkm b	1/2"- 3/8"	45	25	-	€ 147,00
■ SEFL/V/LPV	PVDF	Fkm b	1/2"- 3/8"	45	25	-	€ 147,00
■ SEFLS/D	PP	EPDM	1/2"- 3/8"	45	25	■	€ 152,00
■ SEFLS/V	PVDF	Fkm b	1/2"- 3/8"	45	25	■	€ 152,00

### PMMA BRACKETS

description	price
■ Bracket for mounting on KMS MF	€ 27,20
■ Bracket for mounting on AMS MF	€ 38,90

# LINI

## Injection lances

- › Extension is available in three different length for all models



model	description	material	o-ring	ball valve	temperature (°C)	pressure (bar)	price
■ LINI-V 1/2" 4X6	Lini-v injection lance fp 1/2" 4x6	PVDF	Fkm b	-	25	16	€ 96,00
■ LINI-V 1/2" 6X8	Lini-v injection lance fp 1/2" 6x8	PVDF	Fkm b	-	25	16	€ 96,00
■ LINI-V 1/2" 8X12	Lini-v injection lance fp 1/2" 8x12	PVDF	Fkm b	-	25	16	€ 96,00
■ LINI-V 1/2" 8X10	Lini-v injection lance fp 1/2" 8x10	PVDF	Fkm b	-	25	16	€ 96,00
■ LINI-D 1/2" 4X6	Lini-d injection lance ep 1/2" 4x6	PP	EPDM	-	25	16	€ 96,00
■ LINI-D 1/2" 6X8	Lini-d injection lance ep 1/2" 6x8	PP	EPDM	-	25	16	€ 96,00
■ LINI-D 1/2" 8X12	Lini-d injection lance ep 1/2" 8x12	PP	EPDM	-	25	16	€ 96,00
■ LINI-D 1/2" 8X10	Lini-d injection lance ep 1/2" 8x10	PP	EPDM	-	25	16	€ 96,00
■ LINI-V 1/2" 4X8	Lini-v injection lance fp 1/2" 4x8	PVDF	Fkm b	-	25	16	€ 96,00
■ LINIR-V 1/2" 4X8+RUB.	Lini-v injection lance fp 1/2" 4x8+ball valve	PVDF	Fkm b	PVC	25	16	€ 117,00
■ LINIR-D 1/2" 8X12+RUB.	Lini-d injection lance ep 1/2" 8x12+ball valve	PP	EPDM	PVC	25	16	€ 117,00
■ LINIR-D 1/2" 6X8+RUB.	Lini-d injection lance ep 1/2" 6x8+ball valve	PP	EPDM	PVC	25	16	€ 117,00
■ LINIR-D 1/2" 4X8+RUB.	Lini-d injection lance ep 1/2" 4x8+ball valve	PP	EPDM	PVC	25	16	€ 117,00
■ LINIR-D 1/2" 4X6+RUB.	Lini-d injection lance ep 1/2" 4x6+ball valve	PP	EPDM	PVC	25	16	€ 117,00
■ LINIR-V 1/2" 8X12+RUB.	Lini-v injection lance fp 1/2" 8x12+ball valve	PVDF	Fkm b	PVC	25	16	€ 117,00
■ LINIR-V 1/2" 6X8+RUB.	Lini-v injection lance fp 1/2" 6x8+ball valve	PVDF	Fkm b	PVC	25	16	€ 117,00
■ LINIR-V 1/2" 8X10+RUB.	Lini-v injection lance fp 1/2" 8x10+ball valve	PVDF	Fkm b	PVC	25	16	€ 117,00
■ LINIR-V 1/2" 4X6+RUB.	Lini-v injection lance fp 1/2" 4x6+ball valve	PVDF	Fkm b	PVC	25	16	€ 117,00
■ LINIR-K 1/2" 4X6+RUB. PVDF	Lini-k injection lance fp 1/2" 4x6+ball valve PVDF	PVDF	Fkm b	PVDF	25	16	€ 459,00
■ LINIR-K 1/2" 6X8+RUB. PVDF	Lini-k injection lance fp 1/2" 6x8+ball valve PVDF	PVDF	Fkm b	PVDF	25	16	€ 459,00
■ LINI-SS-D 1/2" 4X6	Lini-ss-d injection lance 1/2" 4x6 ss+ep+ss	AISI 316	EPDM	-	150	25	€ 462,00
■ LINI-SS-V 1/2" 4X6	Lini-ss-v injection lance 1/2" 4x6 ss+fp+ss	AISI 316	Fkm b	-	200	25	€ 462,00
■ LINIR-V 3/4" 8X10/8X12	Lini-v 3/4" injection lance with ball valve	PVDF	Fkm b	PVC	25	10	€ 492,00
■ LINIR-D 3/4" 8X10/8X12	Lini-d 3/4" injection lance with ball valve	PVDF	EPDM	PVC	25	10	€ 492,00
■ LINIR-SS-V 1/2" 4X6 +RUB. SS	Lini-ss-v injection lance 1/2" 4x6 ss+fp+ss+ball valve ss	AISI 316	Fkm b	AISI316	200	25	€ 587,00

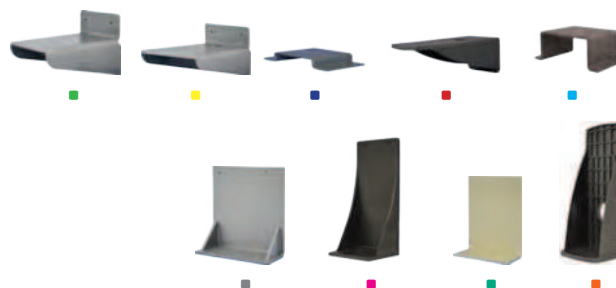
\* LINI with extension

## ACCESSORIES

description	price
Extension x lini/linir 5 cm PVDF +o-ring fp	€ 14,20
Extension x lini/linir 5 cm PVDF +o-ring ep	€ 14,20
Extension x lini/linir 10 cm PVDF +o-ring fp	€ 16,70
Extension x lini/linir 10 cm PVDF +o-ring ep	€ 16,70
Extension x lini/linir 15 cm PVDF +o-ring fp	€ 19,80
Extension x lini/linir 15 cm PVDF +o-ring ep	€ 19,80

## ST Mounting brackets

➤ Self-tapping screws included



model	mounting	pump models	material	price
■ <b>STAMS</b>	side	AMS	PVC	€ 42,80
■ <b>STAMS2</b>	Frontal	AMS	PVC	€ 56,00
■ <b>STF</b>	On tank	F/FMS	PP	€ 15,40
■ <b>STK1</b>	On tank	K/KMS	PVC	€ 32,40
■ <b>STKN</b>	Frontal	K/KMS	PP	€ 15,40
■ <b>STPRISMA</b>	Frontal	Prisma	PP	€ 15,40
■ <b>STPRIUS</b>	Frontal	Priusd/PriusP	PP	€ 26,00
■ <b>STPRIUS1</b>	On tank	Priusd/PriusP	PVC	€ 128,00
■ <b>STPRIUS-SS</b>	Frontal	Prius	AISI 304	€ 144,00
■ <b>STPRIUSMF</b>	On tank	PriusDMF/PriusPMF	PVC	€ 102,00
■ <b>STPRIUSMF2</b>	Frontal	PriusDMF/PriusPMF	PVC	€ 108,00
■ <b>STT</b>	On tank	T/TMS	PVC	€ 35,00
■ <b>STT/P</b>	On tank	T/TMS	PVC	€ 38,90
■ <b>STVN</b>	On tank	V/VMS	PVC	€ 29,30
■ <b>STW</b>	On tank	WDPHxx	PVC	€ 35,00

## PEL In-line probe holders

➤ PVDF, PVC, PP or Stainless steel body  
➤ In-line, "T" or saddle connection



model	electrodes connection	fittin	material	temperature (°C)	pressure (bar)	installation	price
■ <b>PEACH28</b>	1 (diam.12)	1/2"	PVDF	90	7	in-line	€ 12,50
■ <b>PEACH28/PG 13,5 (SN6)</b>	1 (diam.12-pg13,5)	1/2"	PVDF	90	7	in-line	€ 6,98
■ <b>PEB 3/4"</b>	1 (diam.12)	3/4"	PP	40	7	in-line	€ 12,50
■ <b>PEL-E</b>	Eolum	Pn16 diam.40	PVC	40	7	"T" connection	€ 255,00
■ <b>PEL-IND-SS</b>	Ecdinpt	1 1/4"	SS	80	7	"T" connection	€ 153,00
■ <b>PEL-IND40</b>	Ecdinpt	Pn16 diam.40	PVC	40	7	"T" connection	€ 87,00
■ <b>PEL-IND50</b>	Ecdinpt	Pn16 diam.50	PVC	40	7	"T" connection	€ 107,00
■ <b>PEL-IND63</b>	Ecdinpt	Diam. 63 / 1 1/2"	PVC	40	7	saddle connection	€ 87,00
■ <b>PEL-IND75</b>	Ecdinpt	Diam. 75 / 1 1/2"	PVC	40	7	saddle connection	€ 92,00
■ <b>PEL-IND90</b>	Ecdinpt	Diam. 90 / 1 1/2"	PVC	40	7	saddle connection	€ 94,00
■ <b>PEL-IND110</b>	Ecdinpt	Diam. 110 / 1 1/2"	PVC	40	7	saddle connection	€ 105,00
■ <b>PEL-IND125</b>	Ecdinpt	Diam. 125 / 1 1/2"	PVC	40	7	saddle connection	€ 112,00
■ <b>PEL-IND160</b>	Ecdinpt	Diam. 160 / 1 1/2"	PVC	40	7	saddle connection	€ 152,00
■ <b>PEL-INDC</b>	Ecdinpt	Pn16 diam.40	PVC-c	80	7	"T" connection	€ 105,00
■ <b>PEL/PG13,5</b>	1 (diam.12-pg13,5)	1/2"	PVDF	90	7	"T" connection	€ 13,30
■ <b>PEL/PG13,5 3/4"</b>	1 (diam.12)	3/4"	PVDF	90	7	"T" connection	€ 13,30
■ <b>PEL 1/2"</b>	1 (diam.12)	1/2"	PVDF	90	7	"T" connection	€ 13,30
■ <b>PEL 3/4"</b>	1 (diam.12)	3/4"	PVDF	90	7	"T" connection	€ 13,30
■ <b>PELC 1/2"</b>	1 (diam.12)	1/2"	PVDF	90	7	saddle connection	€ 13,30
■ <b>PELC 3/4"</b>	1 (diam.12)	3/4"	PVDF	90	7	"T" connection	€ 13,30
■ <b>PELS-IND</b>	Ecdsinpt	Pn16 diam.40	PVC	40	7	"T" connection	€ 101,00



## NPED

### Off-line probe holders

- SAN transparent or black body
- On request it is possible to have one or two additional holes (1/2" or 3/4")



model	electrodes connection	flow senso	fittin	temperature (°C)	pressure (bar)	price
■ NPED-E	Eolum	-	6x8	50	5	€ 380,00
■ NPED-E2	Etorb2	-	6x8	40	5	€ 380,00
■ NPED-E2-EV	Etorb2+valv. mot. 3/4"	-	6x8	40	5	€ 816,00
■ NPED-IND	Ecdindpt	-	6x8	40	5	€ 380,00
■ NPED-IND PP	Ecdindpt	-	6x8	60	5	€ 474,00
■ NPED-INDS	Ecdindspt	-	6x8	40	5	€ 197,00
■ NPED1	2 (ø 12-pg13,5)	-	6x8	40	5	€ 128,00
■ NPED2	2 (epoxy ø 12)	-	6x8	40	5	€ 128,00
■ NPED5	2 (epoxy ø 12) 1 (1/2" thread)	-	6x8	40	5	€ 128,00
■ NPED4	2 (epoxy ø 12)	N.c.	6x8	40	5	€ 175,00
■ NPED4-1/2	2 (epoxy ø 12) 1 (1/2")	N.o.	6x8	40	5	€ 175,00
■ NPED4/2F	2 (epoxy ø 12)	2 wires for N.C. contact instrument	6x8	40	5	€ 175,00

### ACCESSORIES

description	price
Cleaning Kit for NPED-E2-EV	€ 487,00

## PEC

### Immersion probe holders

- pH / Redox Ø 12 submersion probe-holder
- SN6 (pg13.5) available



model	electrodes connection	material	length (m)	temperature (°C)	self cleaning	price
■ PEC-E	Eolum	PP	1	80	-	€ 67,00
■ PEC	1 (ø 12)	PP	1	80	-	€ 100,00
■ PEC/SN6	1 (sn6 ø 12-pg13,5)	PP	1	80	-	€ 100,00
■ PECIMM	1 cd (3/4")	PP	1	80	-	€ 100,00
■ PEC-IND	Ecdindpt	PVC	1	40	-	€ 181,00
■ PECAP-E	Eolum	PVC	1	40	■	€ 198,00
■ PEC-E2	Etorb2	PVC	1	40	-	€ 228,00
■ PECAP/SN6	1 (sn6 ø 12-pg13,5)	PP/PVC	1	40	■	€ 236,00
■ PEC2/PG13,5	2 (ø 12-pg13,5)	PVC	1	40	-	€ 241,00
■ PECAP2/PG13,5	2 (ø 12-pg13,5)	PVC	1	40	■	€ 428,00

### FIXING FLANGES

description	price
PVC fixing flange for PEC-E or PEC	€ 42,80
PVC fixing flange for PEC/PEC	€ 42,80
PP fixing flange for PEC-I	€ 83,00

## PEF

### Off-line probe holders

- Off-line probe holders for closed amperometric cells
- With flow level control, proximity switch and capacity stabilizer (0,4 / 3 bar)
- PMMA body and PVDF fitting
- Off-line probe holders for membrane probes (SCL3, SCL2, SCL8, SCL9, SCL10, SCL11, SBR, SCT) have got an anti-vacuum device



model	electrodes connection	fittin	temperature (°C)	pressure (bar)	hose	price
■ PEF1R	1 x scl; 2 x ø 12; 1 x temp.	6x8 PVDF	50	5	4 m pe	€ 572,00
■ PEF1ER	1 x scl; 1 x temp.	6x8 PVDF	50	5	4 m pe	€ 357,00
■ PEF1ER/K	1 x scl; 1 x temp.	6x8 PVDF	80	5	4 m PVDF	€ 383,00
■ PEF1R/K	1 x scl; 2 x ø 12; 1 x temp.	6x8 PVDF	80	5	4 m PVDF	€ 596,00
■ PEF2	2 x ø 12; 1 x temp.	6x8 PVDF	50	5	4 m pe	€ 412,00
■ PEF2/K	2 x ø 12; 1 x temp.	6x8 PVDF	80	5	4 m PVDF	€ 443,00
■ PEF3	2 x ø 12 - pg13,5; 1 x temp.	6x8 PVDF	50	5	4 m pe	€ 412,00
■ PEF5R	1 x scl; 2 x ø 12 - pg13,5; 1 x temp.	6x8 PVDF	50	5	4 m pe	€ 572,00
■ PEF5R/K	1 x scl; 2 x ø 12 - pg13,5; 1 x temp.	6x8 PVDF	80	5	4 m PVDF	€ 596,00
■ PEF22R	2 x scl; 2 x ø 12; 1 x temp.	6x8 PVDF	50	5	4 m pe	€ 706,00
■ PEF23R	1 x scl; 2 x ø 12; 1 x temp.; 1 x cd (3/4")	6x8 PVDF	50	5	4 m pe	€ 706,00
■ PEF24R	1 x efl	6x8 PVDF	50	5	4 m pe	€ 706,00
■ PEF26R	1 x scl; 1 x efl	6x8 PVDF	50	5	4 m pe	€ 716,00
■ PEF27R	1 x scl; 1 x cd (3/4")	6x8 PVDF	50	5	4 m pe	€ 397,00

### PROXIMITY SENSOR

description	price
Inductive proximity sensor SEPR	€ 76,00

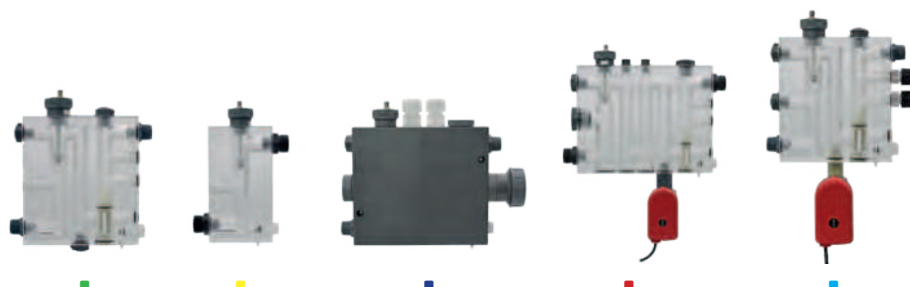
### LED STRIP

description	price
LED strip	€ 103,00

# MANIFOLD

## Manifold with flow sensor

- › PMMA standard (except for MAPLTR and MAPLTRE in PVC)
- › On request available PVC manifold without extra price



model	power supply (VAC)	electrodes connection	temperature (°C)	pressure (bar)	injection points	valve		price	inductive probe version
						motorized	no-return		
■ MANIFOLD/1	-	Cd (3/4")	50	5	2	-	-	€ 561,00	€ 606,00
■ MANIFOLD/3	-	Cd (3/4")	50	5	2	-	-	€ 457,00	€ 501,00
■ MANIFOLD/E/1	-	Cd (3/4")	50	5	0	-	-	€ 316,00	€ 383,00
■ MANIFOLD/E/3	-	Cd (3/4")	50	5	0	-	-	€ 247,00	€ 322,00
■ MANIFOLD/EV/1	230	Cd (3/4")	50	5	2	1	■	€ 1029,00	€ 1077,00
■ MANIFOLD/EV/3	230	Cd (3/4")	50	5	2	3/4"	■	€ 847,00	€ 891,00
■ MANIFOLD/EV/PLUS/1	230	Cd (3/4"); 2 x ø 12	50	5	2	1	■	€ 1312,00	€ 1359,00
■ MANIFOLD/EV/PLUS/3	230	Cd (3/4"); 2 x ø 12	50	5	2	3/4"	■	€ 1054,00	€ 1359,00
■ MANIFOLD/EV/PLUS/3 115VAC	115	Cd (3/4"); 2 x ø 12	50	5	2	3/4"	■	€ 1184,00	
■ MAPLTR	-	ETRC2; 2 x ø 12	40	5	0	-	-	€ 470,00	
■ MAPLTRE	-	ETRC2; ecdcc; 2 x ø 12	40	5	0	-	-	€ 529,00	
■ MAPLTRI	-	ETRC2; ecdind; 2 x ø 12	40	5	0	-	■	€ 602,00	
■ MAPLTRIS	-	ETRC2; ecdsind; 2 x ø 12	40	5	0	-	-	€ 661,00	

## ACCESSORIES

model	description	price
SF/2F	Manifold flow sensor with 2 wi es instrument connection (2m)	€ 80,00
SF/2F	Manifold flow sensor with 2 wi es instrument connection (1m)	€ 80,00
SF/BNC	Manifold flow sensor with BNC pump connection (2m)	€ 80,00
SF/BNC	Manifold flow sensor with BNC pump connection (1m)	€ 80,00
MOTORIZED VALVE 1"	Motorized valve 1" 230vac ip54	€ 293,00
MOTORIZED VALVE 1" 24VAC	Motorized valve 1" 24vac ip54	€ 315,00
MOTORIZED VALVE 1-1/2"	Motorized valve 1-1/2" 230vac ip54	€ 364,00
MOTORIZED VALVE 1-1/4"	Motorized valve 1-1/4" 230vac	€ 324,00
MOTORIZED VALVE 2"	Motorized valve 2" 230vac	€ 414,00
MOTORIZED VALVE 3/4"	Motorized valve 3/4" 230vac ip54	€ 268,00
MOTORIZED VALVE 3/4" 24VAC	Motorized valve 3/4" 24vac ip54	€ 315,00

## PIPELINE MANIFOLD

### Pipeline manifold with flow sensor

- Motorized valve
- Ball valve water inlet
- Ball valve water outlet
- No-return valve
- Flow sensor
- 3 injection points
- Cross connection for conductivity and pH probe (Redox on request)
- Probes not included



model	description	hose	price
<b>MANIFOLD/TUBI/EV 1"</b>	Pipeline manifold 230vac probe ecdc	1	€ 1453,00
<b>MANIFOLD/TUBI/EV 1"</b>	Pipeline manifold 230vac probe ecdind	1	€ 1453,00
<b>MANIFOLD/TUBI/EV 1-1/2"</b>	Pipeline manifold 230vac probe ecdind	1 1/2"	€ 1828,00
<b>MANIFOLD/TUBI/EV 1-1/4"</b>	Pipeline manifold 230vac probe ecdind	1 1/4"	€ 1614,00
<b>MANIFOLD/TUBI/EV 1-1/4"</b>	Pipeline manifold 230vac probe ecgcc	1 1/4"	€ 1614,00
<b>MANIFOLD/TUBI/EV 2"</b>	Pipeline manifold 230vac probe ecdind	2	€ 2327,00
<b>MANIFOLD/TUBI/EV 3/4"</b>	Pipeline manifold 230vac probe ecdind	3/4"	€ 1340,00
<b>MANIFOLD/TUBI/EV 3/4"</b>	Pipeline manifold 230vac probe ecdc	3/4"	€ 1340,00

### ACCESSORIES

model	description	price
<b>SF/2F</b>	Manifold flow sensor with 2 wi es instrument connection (2m)	€ 80,00
<b>SF/2F</b>	Manifold flow sensor with 2 wi es instrument connection (1m)	€ 80,00
<b>SF/BNC</b>	Manifold flow sensor with BNC pump connection (2m)	€ 80,00
<b>SF/BNC</b>	Manifold flow sensor with BNC pump connection (1m)	€ 80,00
<b>MOTORIZED VALVE 1"</b>	Motorized valve 1" 230vac ip54	€ 291,00
<b>MOTORIZED VALVE 1" 24VAC</b>	Motorized valve 1" 24vac ip54	€ 310,00
<b>MOTORIZED VALVE 1-1/2"</b>	Motorized valve 1-1/2" 230vac ip54	€ 360,00
<b>MOTORIZED VALVE 1-1/4"</b>	Motorized valve 1-1/4" 230vac	€ 321,00
<b>MOTORIZED VALVE 2"</b>	Motorized valve 2" 230vac	€ 411,00
<b>MOTORIZED VALVE 3/4"</b>	Motorized valve 3/4" 230vac ip54	€ 265,00
<b>MOTORIZED VALVE 3/4" 24VAC</b>	Motorized valve 3/4" 24vac ip54	€ 310,00

## STATIC MIXER

### Static mixer

- Static mixing system
- PVC body.
- Filled with PP mixing elements



model	description	fittin	price
<b>STATIC MIXER 1 1/2</b>	PVC static mixer. Fitting 1 1/4". Inspectionable. 1/2" injection valve - 4x6 0,3 bar.	1-1/2"	€ 318,00
<b>STATIC MIXER 1 1/4"</b>	PVC static mixer. Fitting 1 1/2". Inspectionable. 1/2" injection valve - 4x6 0,3 bar.	1-1/4"	€ 205,00
<b>STATIC MIXER 2</b>	PVC static mixer. Fitting 2". Inspectionable. 1/2" injection valve - 4x6 0,3 bar.	2"	€ 264,00

## NFIL

### Water filters with 6x8 hose fittings

- › Simple installation
- › Bracket for wall mounting
- › Transparent cup (SAN housing)



model	filte	cartridge	fittin	temperature (°C)	pressure (bar)	price
■ <b>NFIL/100</b>	ø 5" 100 µ	wired PP	6x8	40	5	€ 47,00
■ <b>NFILS/60</b>	ø 5" (per nped) 60 µ	PET (washable)	6x8	40	5	€ 47,00
■ <b>NFIL/60</b>	ø 5" 60 µ	PET (washable)	6x8	40	5	€ 47,00
■ <b>NFILS/100</b>	ø 5" (per nped) 100 µ	wired PP	6x8	40	5	€ 47,00
■ <b>NFIL/60-10"</b>	ø 10" 60 µ	PET (washable)	6x8	40	5	€ 70,00
■ <b>NFIL/CA</b>	ø 5"	activated carbon	6x8	30	5	€ 80,00
■ <b>NFILTEMP</b>	ø 5" 70 µ	SS	6x8	80	5	€ 172,00

### ACCESSORIES

description	price
Filter cartridge for nfil/10	€ 5,77
Key for nped/nfil	€ 9,27
Key for nfiltem	€ 12,90
Filter cartridge for nfil/6	€ 13,70
Filter cartridge for nfil/60-1	€ 19,80
Filter cartridge for nfil/c	€ 35,00
Filter cartridge for nfil/tem	€ 77,00

## CORMIS

### Corrosion control

- › Pipeline corrosion control system
- › 600x900 mm panel



model	description	price
<b>CORMIS3</b>	Cormis3 corrosion control 3 coupons with flowmeter	€ 1442,00
<b>CORMIS3-E</b>	Cormis3-e corrosion control 3 coupons	€ 990,00
■ <b>CORMIS4</b>	Cormis4 corrosion control 4 coupons with flowmeter	€ 1601,00
■ <b>CORMIS4-E</b>	Cormis4-e corrosion control 4 coupons	€ 1150,00

## PROXIMITY SENSORS

### Water flow detection sensors



model	description	price
■ SEPR	Sepr inductive proximity sensor (2m)	€ 76,00
■ SEFTP	Paddle flow-sensor for water flow detection on water pipes Assembly on pipe with fitting	€ 132,00
■ SEFTC	Capacitive flow sensor for Saddle connection.	€ 198,00

## KDPV

### Connection kit



model	description	price
KDPV	Connection kit to control two proportional pumps driven by one pulse emitter water meter. Cable BNC/BNC (1 m) and TBNC	€ 21,00

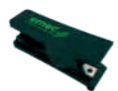
## CALIBRATION COLUMN

### Calibration column



model	description	price
CALIBRATION COLUMN	100 ml PP calibration column (suction) 4x6	€ 275,00
CALIBRATION COLUMN	100 ml PP calibration column (suction) 6x8	€ 275,00

## PIPE CUTTER



model	description	price
PIPE CUTTER	Plastic pipe cutter	€ 7,21

## 12 VDC ACCESSORIES

### 12 VDC power supply accessories



model	description	price
■ SUPP80	Supp80 photovoltaic panel system support	€ 349,00
■ PAFO8	Solar panel 12 Vdc - 80W. Dimensions 890 x 655 x 34 mm.	€ 376,00
■ BA55A	Ba55a 12Vdc battery, 55Ah watertight lead.	€ 401,00
■ RECA	Battery charge for solar panel (12 Vdc, 10A). IP65 housing.	€ 207,00

## ADI

### Signal amplifier



model	description	price
■ ADI1	1 channel amplifier for pH/ORP electrodes with galvanic isolation. Max 150m.	€ 175,00
■ ADI2	2 channels amplifier for pH/ORP electrodes with galvanic isolation. Max 150m.	€ 250,00





# Quick guide to chemical compatibility list

Solenoid driven metering pumps are widely used to dose chemical fluids and it is important that the most suitable material in contact with fluid is selected for each application. This compatibility table serves as a useful help in this respect. All the informations in this list are verified periodically and believed to be correct on the date of issuance. All the informations in this list are based on manufacturer's data and its own experience but since the resistance of any material depends by several factors this list is supplied only as an initial guide, in no way A.T.A. makes warranties of any matter respect to the informations provided in this list.

## Resistance rating

Resistant	1
Fairly resistant	2
Not resistant	3
Not sufficient data	-

Product	Formula	Ceram.	PVDF	PP	PVC	SS 316	PMMA	Hastel.	PTFE	FPM	EPDM	WAX	PE
Acetic Acid, Max 75%	CH <sub>3</sub> COOH	2	1	1	1	1	3	1	1	3	1	3	1
Hydrochloric Acid, Concentrate	HCl	1	1	1	1	3	1	1	1	1	3	3	1
Hydrofluoric Acid 40%	H <sub>2</sub> F <sub>2</sub>	3	1	3	2	3	3	2	1	1	3	3	1
Phosphoric Acid, 50%	H <sub>3</sub> PO <sub>4</sub>	1	1	1	1	2	1	1	1	1	1	3	1
Nitric Acid, 65%	HNO <sub>3</sub>	1	1	2	3	2	3	1	1	1	3	3	2
Sulphuric Acid, 85%	H <sub>2</sub> SO <sub>4</sub>	1	1	1	1	2	3	1	1	1	3	3	1
Sulphuric Acid, 98.5%	H <sub>2</sub> SO <sub>4</sub>	1	1	3	3	3	3	1	1	1	3	3	3
Amines	R-NH <sub>2</sub>	1	2	1	3	1	-	1	1	3	3	1	1
Sodium Bisulphite	NaHSO <sub>3</sub>	1	1	1	1	2	1	1	1	1	1	1	1
Sodium Carbonate (Soda)	Na <sub>2</sub> CO <sub>3</sub>	2	1	1	1	1	1	1	1	2	1	1	1
Ferric Chloride	FeCl <sub>3</sub>	1	1	1	1	3	1	1	1	1	1	1	1
Calcium Hydroxide (Slaked Lime)	Ca(OH) <sub>2</sub>	1	1	1	1	1	1	1	1	1	1	1	1
Sodium Hydroxide (Caustic Soda)	NaOH	2	3	1	1	1	1	1	1	2	1	2	1
Calcium Hypochlor.(Chlor.ated Lime)	Ca(OCl) <sub>2</sub>	1	1	1	1	3	1	1	1	1	1	3	1
Sodium Hypochlorite, 12.5%	NaOCl + NaCl	1	1	2	1	3	1	1	1	1	1	2	3
Potassium Permanganate, 10%	KMnO <sub>4</sub>	1	1	1	1	1	1	1	1	1	1	3	1
Hydrogen Peroxide, 30% (Perydrol)	H <sub>2</sub> O <sub>2</sub>	1	1	1	1	1	3	1	1	1	3	3	1
Aluminium Sulphate	Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	1	1	1	1	1	1	1	1	1	1	1	1
Copper-II-Sulphate (Roman Vitriol)	CuSO <sub>4</sub>	1	1	1	1	1	1	1	1	1	1	1	1

## Materials

Polyvinylidene fluoride	PVDF	Pump head, valve, fittings, hose
Polypropylene	PP	Pump head, valve, fittings, level floater
PVC	PVC	Hose
Stainless steel	SS 316	Pump head, valve
Polymethyl Metacril. (Acrylic)	PMMA	Pump head
Hastelloy C-276	Hastelloy	Injection valve spring
Polytetrafluoroethylene	PTFE	Diaphragm
Fluoroelastomer B (FKM B)	FPM	Sealings
Ethylene propylene	EPDM	Sealings
Nitrile	WAX	Sealings
Polyethylene	PE	Hose



## Code builder

Within the product codes are encoded all the main characteristics that distinguish each dosing pump or control instrument. Through the encoder it is therefore possible to compose the code of a product, selecting the parts of the code, according to the specific requests, among those present for each model in the pricelist tables. Vice versa, starting from a product code, it is possible to decode all the features of the product to which the code refers.

cific requests, among those present for each model in the pricelist tables. Vice versa, starting from a product code, it is possible to decode all the features of the product to which the code refers.

### Solenoid-driven, air compressed and stepper motor pumps

1 1 1 2 2 3 3 3 4 0 0 6 6 7

example: KMS 08 008 V 4H 00 G

1 Code 3 digits	2 Bar 2 digits completed with 0 01 - 99	3 l/h 3 digits completed with 0 001 - 999	4 Hydraulic Parts 1 digit	0 - Customization 2 digits	6 - Power Supply 2 digits 00 - 220 VAC 03 - 115 VAC	7 - Color 1 digit G - grey V - green B - blue N - black R - red Y - yellow
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### Motor-driven pump

1 1 1 1 2 2 2 3 3 3 4 5 6 7 0 0 8

example: PD00 002 M00 K D 1 2 00 N

1 Code 4 digits	2 Bar 3 digits 001 - 999	3 l/h 3 digits completed with 0 001 - 999 - M00 (1000 = M00)	4 Hydraulic Parts 1 digit	5 - O-ring 1 digit V - FKM B D - Dutral W Wax	6 -Reduction 1 digit	7 - Motor 1 digit	0 - Customization 2 digits	7 - Color 1 digit N - black
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### Instruments

1 1 1 1 1 1 1 2 3 4 4 5 0 0 6 6 6 6 6

example: LDPHCD B N 03 D 00 51000

1 Code 7 digits completed with blank spaces	2 Configuratio 1 digit	3 mA output 1 digit S - Yes N - No X - mA output mA input Y - mA input	4 Power Supply 2 digits 0K - 9-240 03 - 115 VAC 04 - 24 VAC 05 - 12 VDC 07 - 24 VDC	5 - Color 1 digit A - orange B - blue E - beige G - grey N - black S - no case V - green Y - yellow	0 - Customization 2 digits	6 - Channels 5 digits completed with 0 60000 - 66000 - 66600 66660 - 66666
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### Centurio

1 1 1 1 1 1 2 3 4 4 5 0 0 6 6 6 6 6 6

example: CENT B S 0K V 00 51000

1 Code 6 digits completed with blank spaces	2 Configuratio 1 digit	3 mA output 1 digit S - Yes X - mA output mA input Y - mA input	4 Power Supply 2 digits 0K - 9-240 03 - 115 VAC 04 - 24 VAC 05 - 12 VDC 07 - 24 VDC	5 - Color 1 digit B - blue V - green	0 - Customization 2 digits	6 - Channels 6 digits completed with 0 60000 - 66000 - 66600 66660 - 66666
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IMPIANTI DI DOSAGGIO

TRATTAMENTO ACQUE

AUTOMAZIONE

POMPE DOSATRICI PER PRODOTTI CHIMICI

FERTIRRIGAZIONE