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IMPIANTI DI DOSAGGIO
TRATTAMENTO ACQUE
AUTOMAZIONE
POMPE DOSATRICI PER PRODOTTI CHIMICI
FERTIRRIGAZIONE

PRICE LISTE - POOLS CATALOGUE 2023



PRICE LIST POOL CATALOGUE

2023





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| POOLBRAVO | | | | |
|---|------------|------------|------------|------------|
| MODELS | BASIC | ETHERNET | GSM | WIFI |
| POOL BRAVO WITH OPEN AMPEROMETRIC CELL, ACID PUMP (V0310) AND CHLORINE PUMP (V0215) | € 4.000,00 | € 4.145,00 | € 4.376,00 | € 4.199,00 |
| POOL BRAVO WITH CLOSED AMPEROMETRIC CELL, ACID PUMP (V0310) AND CHLORINE PUMP (V0215) | € 4.854,00 | € 5.001,00 | € 5.230,00 | € 5.053,00 |
| POOL BRAVO WITH OPEN AMPEROMETRIC CELL, ACID PUMP (V0310), CHLORINE PUMP (V0215) AND FLOCCULANT PUMP (VCLG) | € 4.327,00 | € 4.473,00 | € 4.704,00 | € 4.526,00 |
| POOL BRAVO WITH CLOSED AMPEROMETRIC CELL, ACID PUMP (V0310), CHLORINE PUMP (V0215) AND FLOCCULANT PUMP (VCLG) | € 5.181,00 | € 5.328,00 | € 5.558,00 | € 5.380,00 |
| POOL BRAVO WITH OPEN AMPEROMETRIC CELL, ACID PUMP (V0310), CHLORINE PUMP (V0215) AND ANTI-ALGAE PUMP (VEN) | € 4.498,00 | € 4.646,00 | € 4.876,00 | € 4.697,00 |
| POOL BRAVO WITH CLOSED AMPEROMETRIC CELL, ACID PUMP (V0310), CHLORINE PUMP (V0215) AND ANTI-ALGAE PUMP (VEN) | € 5.353,00 | € 5.500,00 | € 5.729,00 | € 5.550,00 |

| Flow Control | | | | |
|--------------------------------|--------|--------|----------|-------|
| AMS MF | 7 bar | 20 l/h | € 906,00 | p.11 |
| AMS MF | 3 bar | 40 l/h | € 948,00 | p.11 |
| AMS MF | 2 bar | 60 l/h | € 982,00 | p.11 |
| AMS CL PLUS | 7 bar | 20 l/h | € 682,00 | p.15 |
| AMS CL PLUS | 3 bar | 40 l/h | € 720,00 | p.15 |
| AMS CL PLUS | 2 bar | 60 l/h | € 753,00 | p.15 |
| KMS MF | 2 bar | 18 l/h | € 624,00 | p.12 |
| KMS MF | 5 bar | 10 l/h | € 624,00 | p.12 |
| KMS MF | 20 bar | 1 l/h | € 624,00 | p.12 |
| K CL PLUS | 2 bar | 18 l/h | € 403,00 | p.16 |
| K CL PLUS | 5 bar | 10 l/h | € 403,00 | p.16 |
| K CL PLUS | 20 bar | 1 l/h | € 403,00 | p.16 |
| TMS MF | 4 bar | 20 l/h | € 601,00 | p.13 |
| TMS MF | 3 bar | 30 l/h | € 723,00 | p.13 |
| TMS MF | 1 bar | 50 l/h | € 723,00 | p.13 |
| TCL | 4 bar | 20 l/h | € 529,00 | p.17 |
| TCL | 3 bar | 30 l/h | € 649,00 | p.17 |
| TCL | 1 bar | 50 l/h | € 649,00 | p.17 |
| VMS MF | 5 bar | 1 l/h | € 386,00 | p. 11 |
| VMS MF | 10 bar | 4 l/h | € 386,00 | p.14 |
| VMS MF | 3 bar | 10 l/h | € 386,00 | p.14 |
| VMS MF | 2 bar | 15 l/h | € 471,00 | p.14 |
| VCL | 5 bar | 1 l/h | € 299,00 | p.18 |
| VCL | 10 bar | 4 l/h | € 299,00 | p.18 |
| VCL | 3 bar | 10 l/h | € 299,00 | p.18 |
| VCL | 2 bar | 15 l/h | € 383,00 | p.18 |
| pH / ORP measurement & control | | | | |
| TMS PH | 4 bar | 20 l/h | € 713,00 | p.19 |
| TMS PH | 3 bar | 30 l/h | € 835,00 | p.19 |
| TMS PH | 1 bar | 50 l/h | € 835,00 | p.19 |
| TMS RH | 4 bar | 20 l/h | € 713,00 | p.19 |
| TMS RH | 3 bar | 30 l/h | € 835,00 | p.19 |
| TMS RH | 1 bar | 50 l/h | € 835,00 | p.19 |
| VMS PO | 5 bar | 1 l/h | € 500,00 | p.20 |
| VMS PO | 10 bar | 4 l/h | € 500,00 | p.20 |
| VMS PO | 3 bar | 10 l/h | € 500,00 | p.20 |
| VMS PO | 2 bar | 15 l/h | € 585,00 | p.20 |

| Multi-parameters measurement and control | | | | |
|---|--------|-------------|------------|---------|
| WDPHCL/WDPHRH | 5 bar | 1 l/h | € 926,00 | p.23/24 |
| WDPHCL/WDPHRH | 3 bar | 10 l/h | € 926,00 | p.23/24 |
| WDPHCL PER/WDPHRH PER | 1 bar | 3 l/h | € 1.238,00 | p.21/22 |
| WDPHCLS/WDPHRHS | 5 bar | 1 l/h | € 834,00 | p.25/26 |
| WDPHCLS/WDPHRHS | 3 bar | 10 l/h | € 834,00 | p.25/26 |
| WDPHCLS PER/WDPHRHS PER | 1 bar | 3 l/h | € 981,00 | p.21/22 |
| Dry feeder and salt chlorine generator measurement and control Bromine, pH and active oxygen measurement and control | | | | |
| WDPHCA | 3 bar | 10 l/h | € 1.031,00 | p.27 |
| WDPHCF | 3 bar | 10 l/h | € 1.031,00 | p.28 |
| WDPHOS | 3 bar | 10 l/h | € 981,00 | p.29 |
| WDPHOS | 3 bar | 4 l/h | € 981,00 | p.29 |
| WDPHxx PER | 1 bar | 3 l/h | € 1.238,00 | |
| Anti algae, active oxygen, flocculant measurement and control Scent and essences dosing for health spa | | | | |
| VMS EN | 3 bar | 10 l/h | € 500,00 | p.30 |
| VMSA H2O2 | 3 bar | 10 l/h | € 500,00 | p.31 |
| VCOG | 5 bar | 3000 gr/24h | € 266,00 | p.32 |
| VCLG | 5 bar | 3000 gr/24h | € 328,00 | p.32 |
| VCLS | 7 bar | 1 l/h | € 299,00 | p.33 |
| VCLSE | 7 bar | 1 l/h | € 328,00 | p.34 |
| Foot-bath disinfection systems Dechloration system for filters cleaning waters | | | | |
| VMS MF | 5 bar | 12 l/h | € 471,00 | p.35 |
| CTFI | 1/2" | | € 105,00 | p.35 |
| TMS MF | 3 bar | 30 l/h | € 723,00 | p.36 |
| VCLD | 3 bar | 10 l/h | € 328,00 | p.37 |
| SEFT-C (Flow sensor for VCLD pump) | | | € 198,00 | p. 37 |
| SEFT-P | | | € 132,00 | p. 37 |
| Ø 50 Clamp saddle (3/4" or 1" for SEFT-C) | | | € 12,90 | p.37 |
| Ø 63 Clamp saddle (3/4" or 1" for SEFT-C) | | | € 15,40 | p. 37 |
| VMS MF | 3 bar | 10 l/h | € 386,00 | p.38 |
| VMS MF | 2 bar | 15 l/h | € 471,00 | p.38 |
| CTFI | 1.1/2" | | € 381,00 | p.38 |
| CTFI | 2" | | € 723,00 | p.38 |
| CWFA | 3" | | € 1.068,00 | p.38 |
| CWFA | 4" | | € 1.255,00 | p.38 |

| Single parameter digital controllers | | | |
|---|-----------------|------------------------------------|---------|
| LDS series | € 758,00 | | p.39/40 |
| LDS PLUS series | € 892,00 | | p.39/40 |
| JA PRO series | € 601,00 | | p.41 |
| J DIGITAL series | € 452,00 | | p.42 |
| DIN DIGITAL series | € 452,00 | | p.42 |
| Multi parameters digital controllers | | | |
| LDPHXX series | from € 857,00 | | p.43/44 |
| LDPHXX PLUS series | from € 1.037,00 | | p.43/44 |
| MAX5 series | from € 2.243,00 | | |
| CENTURIO POOL series | from € 1.951,00 | | p.45/46 |
| Remote measurement and control | | | |
| BT CEL | € 488,00 | | p.52 |
| BT ETH | € 260,00 | | p.52 |
| BT USB | € 262,00 | | p.52 |
| MODEM GSM | € 377,00 | | p.52 |
| ETHERNET MODULE | € 147,00 | | p.52 |
| MODBUS MODULE | € 129,00 | | p.52 |
| All-in-one control and dosing systems | | | |
| PA-LDPHRH | € 2.302,00 | € 2.381,00 (customized background) | p.53 |
| PA-WDPHOS | € 1.467,00 | € 1.504,00 (customized background) | p.53 |
| PA-WDPHOS PER | € 1.723,00 | € 1.760,00 (customized background) | p.53 |
| PA-WDPHRH | € 1.540,00 | € 1.580,00 (customized background) | p.54 |
| PA-WDPHRH PER | € 1.851,00 | € 1.894,00 (customized background) | p. 54 |
| PA-WDPHEV | € 1.447,00 | € 1.485,00 (customized background) | p.54 |
| PA-WDPHEV salt generator 230VAC/10A (10A bipolar plug-in relay cable) | € 1.524,00 | € 1.564,00 (customized background) | p.54 |
| PA-WDPHCFSA / PA-WDPHCASA | € 3.185,00 | € 3.243,00 (customized background) | p.55 |
| PA-WDPHCA / PA-WDPHCF | € 3.444,00 | € 3.501,00 (customized background) | p.55 |
| PA-WDPHBA / PA-WDPHBF | € 4.082,00 | € 4.138,00 (customized background) | p.55 |
| PA-WDPHCL | € 2.552,00 | € 2.610,00 (customized background) | p.56 |
| PA-WDPHCL PER | € 2.864,00 | € 2.921,00 (customized background) | p.56 |
| PA-WDPHCLO | € 3.403,00 | € 3.460,00 (customized background) | p.56 |
| PA-WDPHCLO PER | € 3.716,00 | € 3.773,00 (customized background) | p.56 |
| PA-LDPHCL | € 3.050,00 | € 3.129,00 (customized background) | p.57 |
| PA-LDPHCLO | € 3.519,00 | € 3.599,00 (customized background) | p.57 |
| PA-LDPHCLOB | € 3.911,00 | € 4.007,00 (customized background) | p.58 |

| | | | |
|-----------------------------------|-----------------|------------------------------------|-------|
| PA-LDPHCLOBG | € 4.166,00 | € 4.260,00 (customized background) | p.58 |
| PA-LDPHCLV | € 3.900,00 | € 3.979,00 (customized background) | p.59 |
| PA-LDPHBR | € 4.542,00 | € 4.618,00 (customized background) | p.59 |
| PA-LDPHCLVD | € 4.371,00 | € 4.451,00 (customized background) | p.59 |
| PA-LDPHCLVG | € 4.824,00 | € 4.921,00 (customized background) | p.60 |
| PA-LDPHCLGD | € 4.943,00 | € 5.039,00 (customized background) | p.60 |
| Advanced controller based systems | | | |
| PA-M5D | € 5.940,00 | € 6.037,00 (customized background) | |
| PA-MD5DB | € 8.393,00 | € 8.527,00 (customized background) | |
| PA-MD5DV | € 7.634,00 | € 7.732,00 (customized background) | |
| PA-MD5DT | € 8.225,00 | € 8.324,00 (customized background) | |
| PA-CED | € 6.039,00 | € 6.136,00 (customized background) | p.61 |
| PA-CEDB | € 8.493,00 | € 8.628,00 (customized background) | p.62 |
| PA-CEDV | € 7.735,00 | € 7.831,00 (customized background) | p.63 |
| PA-CEDT | € 8.326,00 | € 8.423,00 (customized background) | p.64 |
| Accessories | | | |
| EPHS (cable 0.8 m) | € 122,00 | | p.65 |
| ERHS (cable 0.8 m) | € 128,00 | | p.65 |
| Turbidity buffer solution | € 25,70 | | p.65 |
| ORP buffer solution | € 9,64 | | p.65 |
| pH buffer solution | € 5,84 | | p.65 |
| SCL8 | € 1.560,00 | | p.65 |
| ECL6-ECL12 | € 1.279,00 | | p.65 |
| SCL3S/20 | € 1.560,00 | | p.65 |
| ETEPTCH18 | € 76,00 | | p.65 |
| PEF22R | € 706,00 | | p.65 |
| PEF1R | € 572,00 | | p.66 |
| NFIL CA | € 79,00 | | p.66 |
| NFIL | € 47,00 | | p.66 |
| NPED4 | € 175,00 | | p.66 |
| PELC | € 13,30 | | p.66 |
| PEL | € 13,30 | | p.66 |
| EVLA | € 321,00 | | p.66 |
| SBR1/20 | € 2.201,00 | | p.66 |
| MIXVN/8 | € 533,00 | | p.67 |
| MIXN/8 | € 748,00 | | p.67 |
| MIXN/MAN | from € € 141,00 | | p. 67 |
| MIX "PISTON" | € 80,00 | | p.67 |

| | | |
|------------------------|--------------------|------|
| LASP | from € 110,00 | p.67 |
| LINIR-V | € 117,00 | p.67 |
| PVDF INJECTION VALVE | € 21,40 | p.68 |
| MULTIFUNCTION VALVE MF | € 97,00 / € 103,00 | p.68 |
| LEVEL PROBE | € 42,80 | p.68 |

| | | |
|---|------------|------|
| CNT PD50 (50 l chemical tank) | € 129,00 | p.68 |
| CNT PD120 (120 l chemical tank) | € 163,00 | p.68 |
| CNT PD250 (200 l chemical tank) | € 339,00 | p.68 |
| CNT PD500 (500 l chemical tank) | € 587,00 | p.68 |
| CNT PD1000 (1000 l chemical tank) | € 1.144,00 | p.68 |
| COS PD50 (safety bund for CNT50) | € 129,00 | p.68 |
| COS PD120 (safety bund for CNT PD120) | € 163,00 | p.68 |
| COS PD250 (safety bund for CNT PD250) | € 339,00 | p.68 |
| COS PD500 (safety bund for CNT PD500) | € 587,00 | p.68 |
| COS PD1000 (safety bund for CNT PD1000) | € 1.144,00 | p.68 |

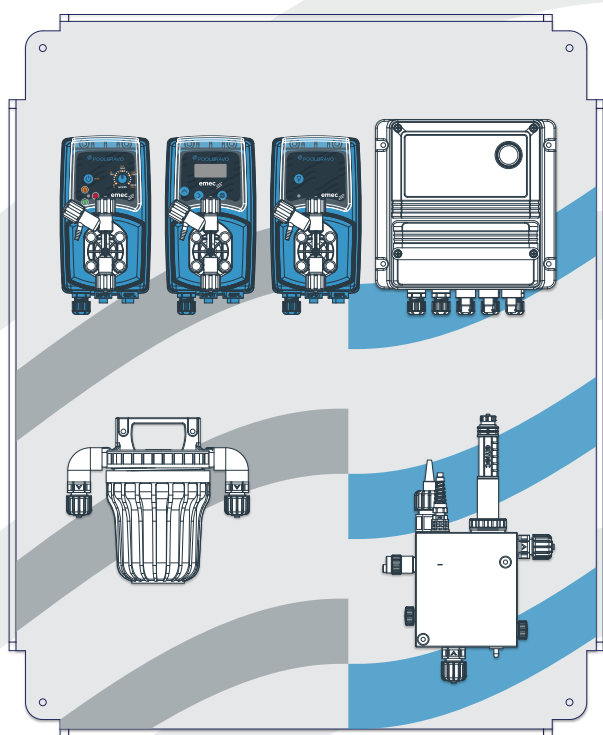
| Tanks model | Suction lance (length) | Mixer (axis length) | PVC support for mixer mounting |
|---------------------------------|------------------------|---------------------|--------------------------------|
| CNT50 - 50 l (Ø420 x 505) | LASP X 40 cm | Manual 45 cm | n/a |
| CNT120 - 120 l (Ø475 x 735) | LASP X 63 cm | Mix x 63 cm | n/a |
| CNT250 - 200 l (Ø610 x 850) | LASP X 75 cm | Mix x 73 cm | n/a |
| CNT500 - 500 l (Ø780 x 1200) | LASP X 108 cm | Mix x 98 cm | n/a |
| CNT1000 - 1000 l (Ø1100 x 1240) | LASP X 122 cm | Mix x 122 cm | RIN10 |

SWIMMING POOL MADE SMART

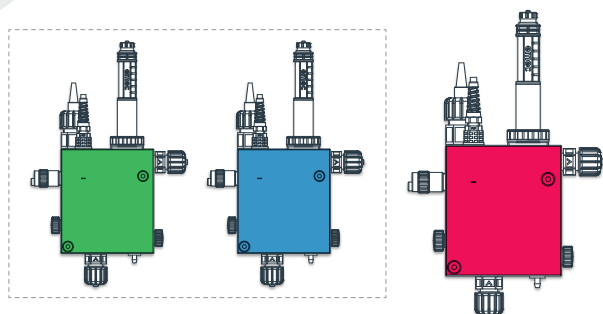


 **POOLBRAVO**

Smart systems



A multi-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.



GREEN or **BLUE** (depending on the version) means the device is correctly functioning.

RED means the device is in an alarm status.

POOLBRAVO

The POOLBRAVO integrated system has been designed to offer an all-in-one solution that is easy to use and highly accurate, able to minimize the need for manual intervention on swimming pool water and to reduce the consumption of chemical products. An elegant 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 available in different configurations to immediately and easily manage the main measurement parameters concerning the treatment of swimming pool water, thus optimizing the dosing and consumption of the chemical products necessary for the compliance with chemical-physical water requirements.

COMPLETE CONTROL

The LD multiple reading digital system inside POOLBRAVO gives you the complete control over the measurement parameters and over the dosing of chemicals, besides being easy to use thanks to the LCD display and the ENCODER control knob that makes simple to browse through its configuration menus. Complete control also comes from the wide range of probes that can measures hydrogen peroxide, oxygen, bromine, chlorine, ozone, peracetic acid and chlorine di-oxide. V series dosing pumps complete POOL BRAVO dosing system.

REMOTE CONTROL

exclusive online system ERMES en-ables you to remotely control and regulate POOLBRAVO from any smartphone or PC, so to keep the status of your swimming pool always under control, wherever you are.

Multifunctions mode dosing pumps

Flow control

(Constant, Divide, Multiply, PPM, Batch, Volt, mA, %, ml/q), stand-by* and flow sensor input*, alarm output** and level control.

AMS MF



PRESSURE

7 bar
3 bar
2 bar

FLOW

20 l/h
40 l/h
60 l/h

KMS MF



PRESSURE

2 bar
5 bar
20 bar

FLOW

18 l/h
10 l/h
1 l/h

Multifunctions mode dosing pumps

Flow control

(Constant, Divide, Multiply, PPM, Batch, Volt, mA, %, ml/q), stand-by* and flow sensor input*, alarm output** and level control.

TMS MF



PRESSURE

4 bar
3 bar
1 bar

FLOW

20 l/h
30 l/h
50 l/h

VMS MF



PRESSURE

5 bar
10 bar
3 bar
2 bar

FLOW

1 l/h
4 l/h
10 l/h
15 l/h

*Non disponibile su mod. VMS MF

**Uscita allarme livello opzionale su mod. VMS MF e mod. VCL

Constant mode dosing pumps

Flow control

Constant mode dosing pumps with level and flow control. Double frequency scale.

AMS CL PLUS



PRESSURE

7 bar
3 bar
2 bar

FLOW

20 l/h
40 l/h
60 l/h

K CL PLUS



PRESSURE

2 bar
5 bar
20 bar

FLOW

18 l/h
10 l/h
1 l/h

Constant mode dosing pumps

Flow control

Constant mode dosing pumps with level and flow control. Double frequency scale.

T CL



PRESSURE

4 bar
3 bar
1 bar

FLOW

20 l/h
30 l/h
50 l/h



V CL

**PRESSURE**

5 bar

10 bar

3 bar

2 bar

FLOW

1 l/h

4 l/h

10 l/h

15 l/h

Proportional dosing pumps with parameter measurement

PH / ORP measurement & control

Proportional dosing pumps with pH and/or ORP measurement and control, with overdose alarm.

TMS PH & TMS RH



TMS PH

Proportional pump driven by internal built-in pH meter (0÷14pH) stand-by and level control, supplied without pH probe.

TMS RH

Proportional pump driven by internal built-in ORP meter (0÷1000mV) stand-by and level control, supplied without ORP probe.

PRESSURE

4 bar
3 bar
1 bar

FLOW

20 l/h
30 l/h
50 l/h

VMS PO



VMS PO

Proportional pump driven by internal built-in pH meter (0/14pH) or ORP meter (-1000mV/+1000mV). Parameter set by menu. Level control. PVDF pump head and accessories. Fast calibration on standard value. Restore last calibration.

PRESSURE

| | |
|----|-----|
| 5 | bar |
| 10 | bar |
| 3 | bar |
| 2 | bar |

FLOW

| | |
|----|-----|
| 1 | l/h |
| 4 | l/h |
| 10 | l/h |
| 15 | l/h |

PERISTALTIC WD: PRECISE, RELIABLE, NOISELESS

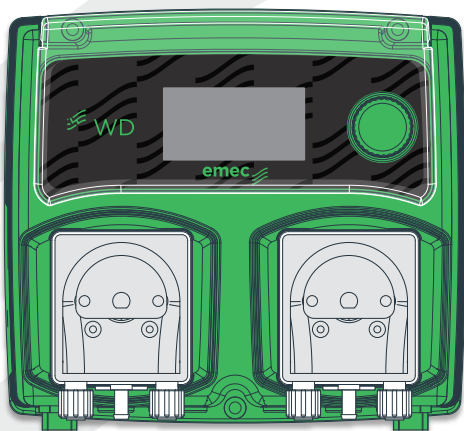


 WD

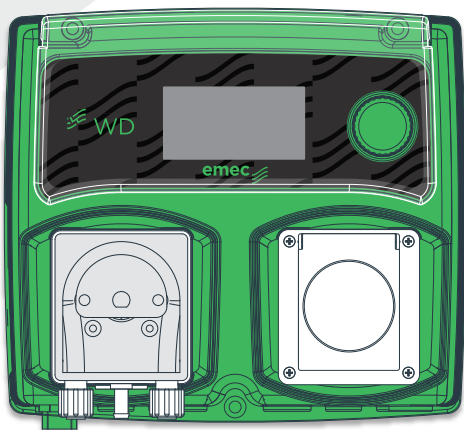
All-in-one dosing pumps

WDPHXX series, also available with **peristaltic pumps**

WDPHXX / WDPHXX PER



Standard WDPHXX PER pump



WDPHXX PER pump with output
(230 VAC / 10A) for sterilisers or Cl/
Br feeders

WDPHxx series has been created to provide a complete and small-sized solution for swimming pool water treatment. WDPHXX systems are all-in-one, compact instruments which integrate two dosing pumps and a control instrument into a single, easy to use, highly precise system.

WDPHXX systems can measure pH and another parameter that depends on the chosen model: chlorine, bromine, Redox, antialgae, flocculant, active oxygen. A wide range of products for the highest flexibility.

WDPHXX PER: RELIABLE AND NOISELESS

WDPHXX proportional dosing systems in the versions with peristaltic dosing pumps (WDPHXX PER) are the best solution to be installed where silent operation and high reliability are required, like in spa and wellness facilities.

The integrated peristaltic pumps are indeed the most suitable for micro-dosing needs with lower pressure, ensuring at the same time an absolutely constant and accurate flow rate. Moreover, peristaltic pumps promise to have low power consumption thanks to low voltage.

COMPLETE CONTROL, EVEN REMOTELY

A clear reading of data and an easy browsing through function menus are made simple by a wide backlit LCD display and by the "Encoder" control knob, in order to quickly program the working modes you need, to set alarms and to manage outputs.

You can also remotely control WDPHXX systems from any smartphone or PC with exclusive online system ERMES, so to keep the status of your plant always under control wherever you are.

All-in-one dosing pumps

Multiparameter measurement and control

WDPHCL

pH & Chlorine



WDPHCL / WDPHCL PER

Swimming pool controller with 2 dosing pumps for acid (pH) and chlorine (Cl₂). Liquid ends and pump head made of PVDF.

Also available with peristaltic pumps (WDPHCL PER).

Wheel control system

Alarm output

RS485 output

Measurement range:
from 0 to 14 pH
from 0 to 10 mg/l Cl₂

PRESSURE

5 bar

3 bar

1 bar

FLOW

1 l/h

10 l/h

3 l/h

WDPHRH

pH & ORP



WDPHRH / WDPHRH PER

Swimming pool controller, 2 dosing pumps for acid (pH) and disinfectant (ORP).
Liquid ends and pump head made of PVDF.

Also available with peristaltic pumps (WDPHRH PER).

Wheel control system

Alarm output

RS485 output

Measurement range:
from 0 to 14 pH
from 0 to 1000 mV

PRESSURE

5 bar
3 bar
1 bar

FLOW

1 l/h
5 l/h
3 l/h

All-in-one dosing pumps

Multiparameter measurement and control

WDPHCLS

pH and Chlorine/Bromine



WDPHCLS / WDPHCLS PER

Proportional controller with 1 dosing pump driven by internal built-in pH and Chlorine/Bromine meter. Output: (SCHUKO plug) for sterilisers or Cl/Br feeders. Liquid ends and pump head made of PVDF.

Also available with peristaltic pumps (WDPHCLS PER).

Measurement range:
from 0 to 14 pH
from 0 to 10 mg/l Cl₂ / Br₂

Option: free of voltage EV contact.

PRESSURE

5 bar
3 bar
1 bar

FLOW

1 l/h
10 l/h
3 l/h

EV OUTPUT

230 VAC

MAX LOAD

10 A

WDPHRHS

pH and ORP



WDPHRHS / WDPHRHS PER

Proportional controller with 1 dosing pump driven by internal built-in pH and ORP meter. Output: (SCHUKO plug) for sterilisers or Cl/Br feeders. Liquid ends and pump head made of PVDF.

Also available with peristaltic pumps (WDPHRHS PER).

Measurement range:
from 0 to 14 pH
from 0 to 1000 mV

Option: free of voltage EV contact.

PRESSURE

5 bar
3 bar
1 bar

FLOW

1 l/h
10 l/h
3 l/h

EV OUTPUT

230 VAC

MAX LOAD

10 A

All-in-one dosing pumps

*Dry feeder and salt chlorine generator measurement and control
Bromine, pH and active oxygen measurement and control*

WDPHCA



WDPHCA / WDPHCA PER

Proportional controller with 2 dosing pumps for pH and anti algae. 230VAC EV proportional or on/off output for Cl/Br feeders.

Weekly anti algae timer and level probe.

Liquid ends and pump head made of PVDF.

Also available with peristaltic pumps (WDPHCA PER).

Wheel control system

Alarm output

RS485 output

Measurement range:

from 0 to 14 pH

from 0 to 10 mg/l Cl₂

PRESSURE

3 bar

1 bar

FLOW

10 l/h

3 l/h

Optional: free of voltage EV contact.

WDPHCF



WDPHCF / WDPHCF PER

Proportional controller with 2 dosing pumps for pH (acid- base) and flocculant. 230VAC EV proportional or on/off output for Cl/Br feeders. Level probe and gr/day flocculant dosing. Liquid ends and pump head made of PVDF.

Also available with peristaltic pumps (WDPHCF PER).

Wheel control system

Alarm output

RS485 output

Measurement range:

from 0 to 14 pH

from 0 to 10 mg/l Cl₂

Optional: free of voltage EV contact.

PRESSURE

3 bar

1 bar

FLOW

10 l/h
(sezione pH)

3 l/h

All-in-one dosing pumps

*Dry feeder and salt chlorine generator measurement and control
Bromine, pH and active oxygen measurement and control*

WDPHOS



WDPHOS & WDPHOS PER

Proportional controller with 2 dosing pumps for pH (acid- base) and active oxygen. Level probe. Temperature reading with enclosed probe. Weekly or daily (hr) active oxygen dosing. Liquid ends and pump head made of PVDF.

Also available with peristaltic pumps (WDPHCA PER).

Settings:

- daily or weekly timer
- temperature compensation - pool size

Wheel control system Alarm output

RS485 output

PH measurement range: from 0 to 14

Optional: free of voltage EV contact.

PRESSURE

3 bar
3 bar
1 bar

FLOW

10 l/h (for pH)
4 l/h (for active oxygen)
3 l/h

Dosing pumps

Anti algae, active oxygen, flocculant measurement and control

VMS EN

Anti algae



VMS EN

Anti algae pump with weekly timer for shock type water treatment. Quantities adjustable in cc units.

Level probe included.

PRESSURE

3 bar

FLOW

10 l/h

Dosing pumps

Anti algae, active oxygen, flocculant measurement and control

VMsa H₂O₂

Active oxygen



VMsa H₂O₂

Active oxygen pump.

Also available with peristaltic pump (VMsa H2O2 PER).

Settings:

- day/week timer
- temperature compensation
- pool size

Level and temperature probes included.

PRESSURE

3 bar

2 bar

FLOW

4 l/h

10 l/h

VCOG & VCLG

Flocculant



VCOG & VCLG

Metering pump for flocculant.

Double scale (24h):

- 0 to 300 gr/day

- 0 to 3000 gr/day

Level probe included.

PRESSURE

5 bar

FLOW

3000 gr/24h

Dosing pumps

Scent and essences dosing for spa

VCLS

Scent and essences dosing



VCLS

Silenced pump for scent and essences dosing at spas and hammam centres.

Double scale:

- 0 to 100 g/hr
- 0 to 1000 g/hr

Level probe included.

PRESSURE

7 bar

FLOW

1 l/h

VCLSE

C.E. Scent and essences dosing



VCLSE

Silenced pump for scent and essences dosing at spas and hammam centres. Contact (N.O.) for external control.

Double scale:

- 0 to 100 g/hr

- 0 to 1000 g/hr

Level probe included.

PRESSURE

7 bar

FLOW

1 l/h

Dosing pumps

Foot-bath disinfection systems

VMS MF + CTFI



VMS MF + CTFI

Foot-bath disinfection system.

It works with a pulser sender water meter (1/2" size).

% control with level probe.

PRESSURE

5 bar

FLOW

12 l/h

CTFI

1/2"

TMS MF + CTFI



TMS MF + CTFI

Foot-bath disinfection system.

It works with a pulser sender water meter (1/2" size).

% control with level probe.

PRESSURE

3 bar

FLOW

30 l/h

CTFI

1/2"

Dosing pumps

Dechloration system for filters cleaning waters

VCLD



VCLD

Dechlorination system for waters filters (chlorine).
Level meter. SEFT C contact less water sensor
(fittings 3/4").
SEFT P flow sensor (fittings 1/2").

Settings:

- 0-800 gr/h
- 0-8000 gr/h

Level probe included.

SEFT C and SEFT P are optional.

PRESSURE

3 bar

FLOW

10 l/h

VMS MF + CTFI & CWFA



VMS MF + CTFI & CWFA

Dechloration system for water filters.

It works with a pulse sender water meter (1.1/2" or 2" size).

Proportional volume control (product ppm) with level meter.

PRESSURE

3 bar
2 bar

FLOW

10 l/h
15 l/h

CTFI

1"1/2 e 2"

CWFA

3" e 4"

Single parameter digital controllers

pH - ORP - Cl₂ - Br₂ - O₃ - Total Chlorine - H₂O₂ - Inductive conductivity - Turbidity + Temperature measurement and control

LDS series



LDS / LDS PLUS

Options:

- USB for data log recording
- Current Output (0/4 - 20 mA)
- Ethernet
- 3G/4G modem
- MODBUS
- WIFI

LDS PLUS features

- 5 relais (2 setpoint; alarm; probe cleaning; circulation)
- Probe Cleaning
- PID
- mA output



MODELS

LDSPH / LDSPH PLUS

pH measurement and control

LDSRH / LDSRH PLUS

ORP measurement and control

LDSCCL / LDSCCL PLUS

Chlorine measurement and control (reading scale based on probe)

LDSCD / LDSCD PLUS

Conductivity measurement and control

LDSCDIND / LDSCDIND PLUS

Inductive conductivity measurement and control (ECDINDPT probe)

LDSETORB2 / LDSETORB2 PLUS

Turbidity measurement and control (ETORB2 probe)

LDSTRC / LDSTRC PLUS

Florescence measurement and control

LDSFL / LDSFL PLUS

Fluorine measurement and control

Wheel with “EASY-NAV” control, flow control, local & Remote Control,ERMES web communication, permanent data storage with system log, PT100 temperature probe, Stand-by input, Alarms: damaged probes - max dosage - threshold - levels - flow, Programmable delay at dosing start-up (up to 60 minutes), Priority dosage, Automatic temperature compensation, Probe readout menu (LDSCDIND), Working modes: on/off, impulsive proportional, proportional PWM and fixed PWM, Automatic or manual dosing activity, mA output (option).



Single parameter digital controllers

RACK MOUNTING CONTROLLERS

Controller for: pH, ORP, Chlorine (Total chlorine, Free Chlorine, Chlorine Dioxide, Hydrogen Peroxyde, Ozone, Bromine, Peracetic Acid depending on the probe), Conductivity (Probes not included). 2 On-Off/proportional setpoints, Flow alarm, Flow sensor stand-by input, 0÷20 mA or 4÷20 mA output proportional to read measured value and programmable in the reading range.

JA PRO



JA PRO control instruments are 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 ($\mu\text{S/S}$ - Ohm - TDS / PPM) with automatic range and probe / product selection (H_3PO_4 - H_2SO_4 - HNO_3 - 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.

JA PRO

Options:

- 12VDC or 24VDC power supply
- IP54 protection

JA PRO

Features:

- mA module
- MODBUS serial communication

J DIGITAL & DIN DIGITAL



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, 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. Available IP54 protection cover.



DIN DIGITAL

Rail mounting (6 modules) single reading system

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 dioxide 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.

Multiparameter digital controllers

Measurement and control of several parameters simultaneously

pH / Total Chlorine / Free chlorine / Combined Chlorine / ORP / Turbidity Conductivity / Inductive conductivity / Bromine / Ozone + Temperature

LDPHXX series



LDPHXX / LDPHXX PLUS

Options:

- USB for data log recording
- Current Output (0/4 - 20 mA)
- Ethernet
- 3G/4G modem
- MODBUS
- WIFI

LDPHXX PLUS features

- 5 relais (2 setpoint; alarm; probe cleaning; circulation)
- Probe Cleaning
- PID
- mA output

*Specificare i parametri e il tipo di sonda per cloro al momento dell'ordine



MODELS

LDPHRH / LDPHRH PLUS

pH (0/14) - Redox (0/1000 mV) - °C (0/99,9)

LDPHCL* / LDPHCL* PLUS

pH (0/14) - Cloro (0/10 mg/l Cl₂) - °C (0/99,9)

LDPHBR / LDPHBR PLUS

pH (0/14) - Bromo (0/10 mg/l Br₂) - °C (0/99,9)

LDPHDO / LDPHDO PLUS

pH (0/14) - O₂ (0/200 mg/l H₂O₂) - °C (0/99,9)

Controller for acid (pH) and a second parameter. Wheel with “EASY-NAV” control, Flow control, Local & Remote Controlled,ERMES web communication, Permanent data storage with system log, PT100 temperature probe, Stand-by input, Alarms: damaged probes - max dosage - threshold - levels - flow, Programmable delay at dosing start-up (up to 60 minutes), Priority dosage, Probe readout menu, Probes check up, Multiple probe readings can be viewed, Working modes: on/off, impulsive proportional, proportional PWM and fixed PWM, Automatic or manual dosing activity, Chlorine/Bromine selection with ECL6 (LDPHCL), mA output (option).



Multiparameter digital controllers

Measurement and control of several parameters simultaneously

pH / Total Chlorine / Free chlorine / Combined Chlorine / ORP / Turbidity Conductivity / Inductive conductivity / Bromine / Ozone + Temperature

CENTURIO POOL series



CENTURIO

Options:

- USB for data log recording
- Current Output (0/4 - 20 mA)
- Ethernet
- 3G/4G modem
- MODBUS RTU & TCP/IP
- WIFI



RANGES

pH
from 0 to 14 pH

Bromine
from 0 to 10 mg/l

ORP
from -1000 to 1000 mv

Turbidity
from 0 to 4000 NTU

Total chlorine
from 0 to 20 mg/l

Temperature
from 0 to 100 °C

Free chlorine
from 0 to 20 mg/l

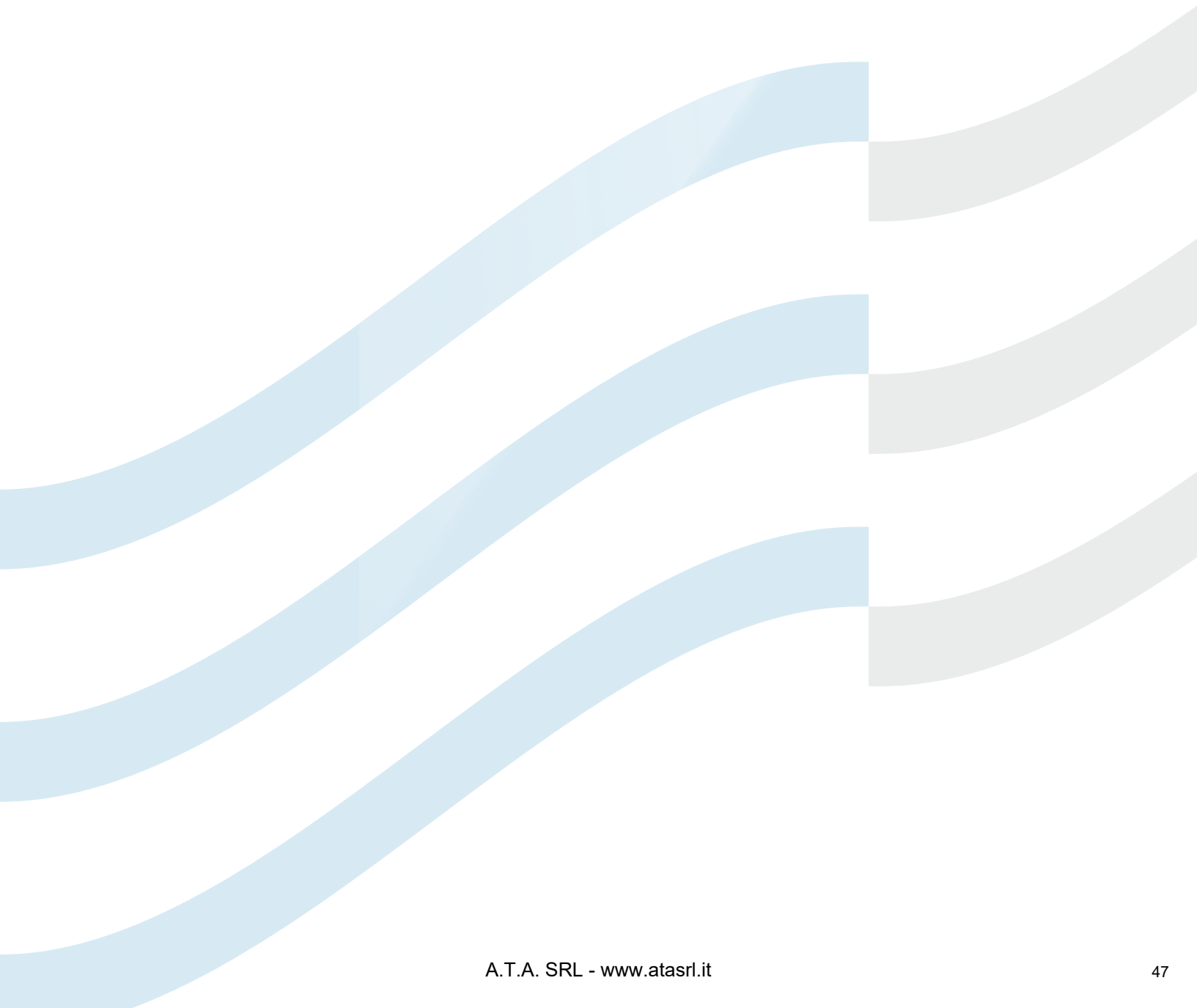
Conductivity
from 0 to 300 mS

Combined chlorine
from 0 to 10 mg/l

CENTURIO POOL is a digital regulation and measurement system for multi-parameter control in swimming pool water treatment. It combines complete control and extreme ease of use with the elegance of the case made by Giugiaro Design.

Equipped with a Linux operating system, a high-performance ARM A5 microprocessor and a large color touchscreen, CENTURIO POOL can be set to work with pH priorities and can control flocculant output, shock chlorination and backwashing of filters and simultaneously manage up to 10 channels to read the following parameters: pH, free chlorine, combined chlorine, active free chlorine, total chlorine, conductivity, ORP, NTU, product levels, pool water level. For each channel CENTURIO POOL has 2 digital setpoints (ON / OFF), 2 proportional setpoints (IS), 1 mA output setpoint and 1 Temperature setpoint; you can also set 6 timers with a maximum of 10 daily schedules each.







Remote measurement and control

ERMES

Through ERMES online service you can remotely control and regulate all the parameters of all enabled products and interactively monitor probes, instrument inputs, products level, temperature and setpoints.

ADVANTAGES

- Less plant intervention and inspections.
- Reports on the current status of the network's devices and connections (probes, outputs, alarms, setpoints)
- Instant alarm notifications via sms or email
- Data report of all plant instruments
- Activity log like graphs and charts that can be downloaded on your PC (excel or pdf)

HOW DOES ERMES WORK?

Enter **www.ermes-server.com**, register for free, con-figure and name your systems. All instruments with encoder and ETHERNET or 3G/4G configuration will be immediately connected and available.

In addition to the remote control, through ERMES you can receive, via email, alarm messages with various report options on the status of your systems. If you have an instrument with 3G/4G configuration you can also receive reports on your phone via SMS.

On request, the instruments can be supplied with a SIM card and mobile data subscription (only on instruments equipped with a 3G/4G module. Subscription paid by the customer).

compatible systems:

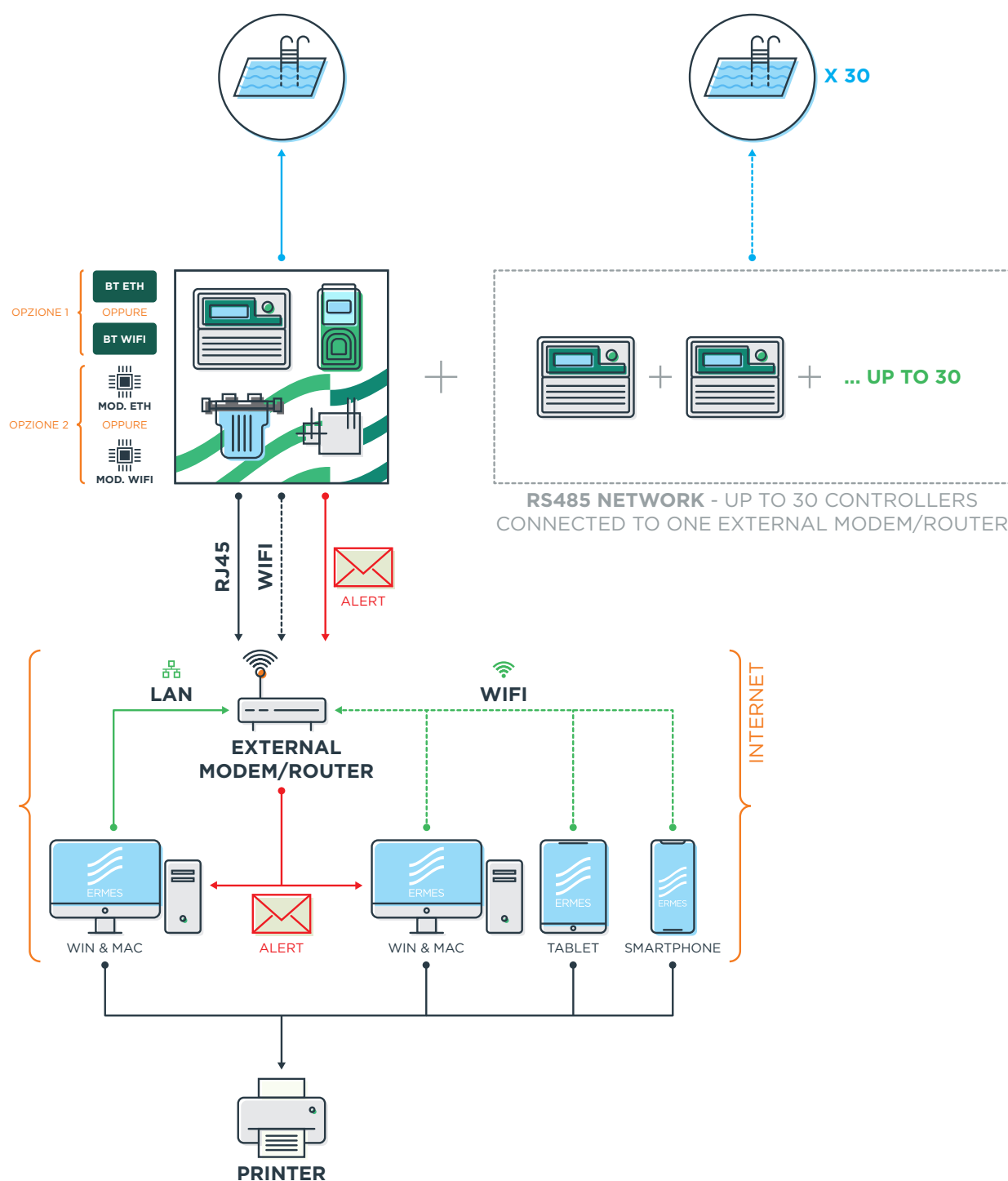
- CENTURIO
- LDS
- MTOWER
- WD

| CONFIGURATION | FEATURES | CONNECTION TYPE | REQUIREMENTS | FUNCTIONS |
|---------------|---|---|-------------------------|--|
| BASIC | / | / | / | RS485 link to instruments |
| ADVANCED USB | USB | Download data log from controller to Usb drive | / | RS485 link to other instruments Data Log recording on USB drive |
| ETHERNET | LAN network | Remote control via WEB APP ERMES (www.ermes-server.com) | LAN (RJ-45) network | RS485 link to other instruments ERMES Web App (PC, smartphone, tablet) Email Alarm messages |
| 3G/4G | MOBILE connection | Remote control via WEB APP ERMES (www.ermes-server.com) | Mobile Network Coverage | RS485 link to other instruments ERMES Web App (PC, smartphone, tablet) Email/SMS Alarm messages |
| MODBUS | PLC connection to other devices via RS485 or TCP/IP (only Centurio) | PLC plant management | / | PLC connection output for parameters reading/setting |
| WIFI | WIFI connection between instrument and web | Remote control via WEB APP ERMES (www.ermes-server.com) | WIFI Network Coverage | RS485 link to other instruments ERMES Web App (PC, smartphone, tablet) Email Alarm messages |

Remote measurement and control

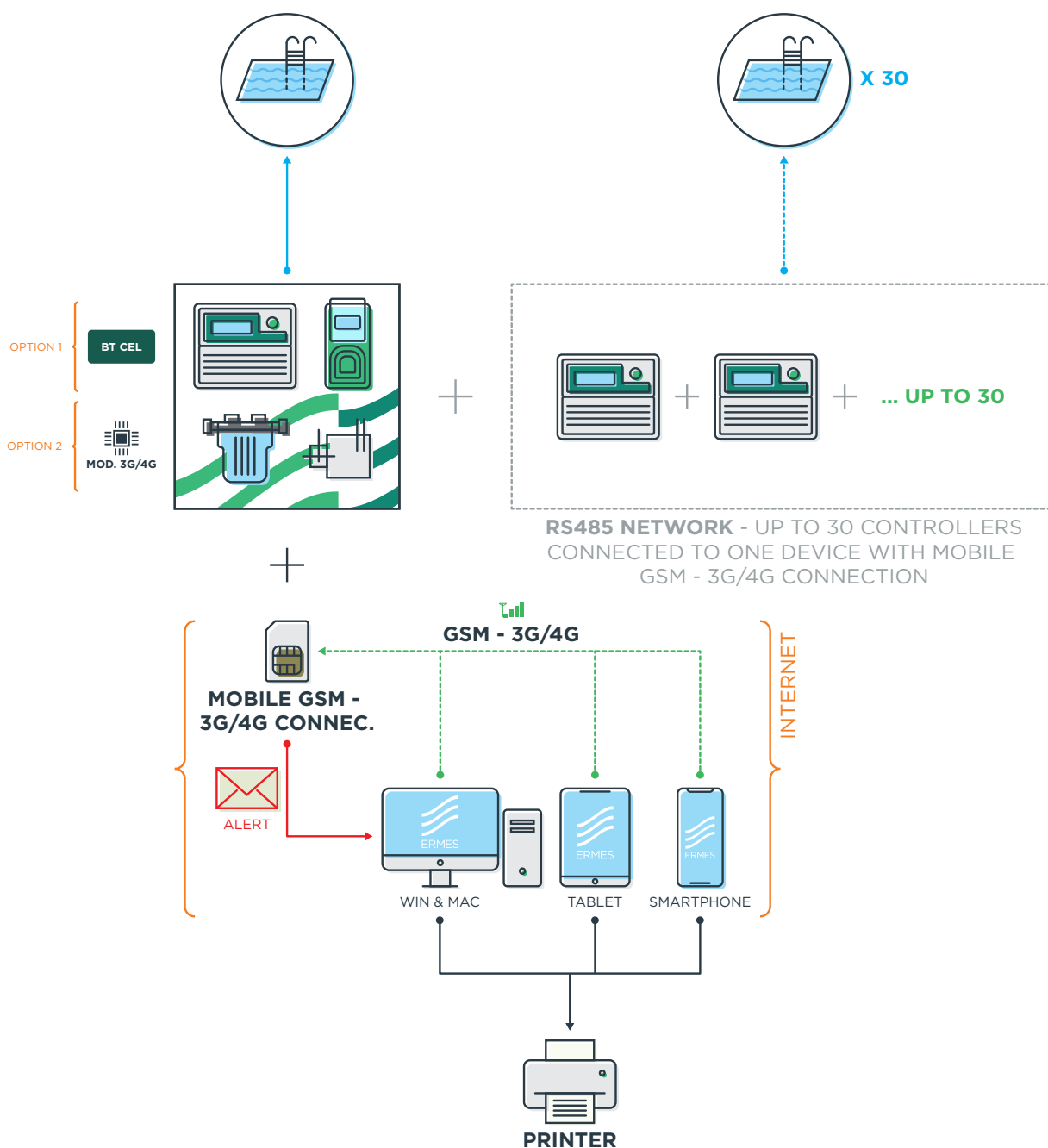
CONNECTION EXAMPLE

ETHERNET - WIFI



CONNECTION EXAMPLE

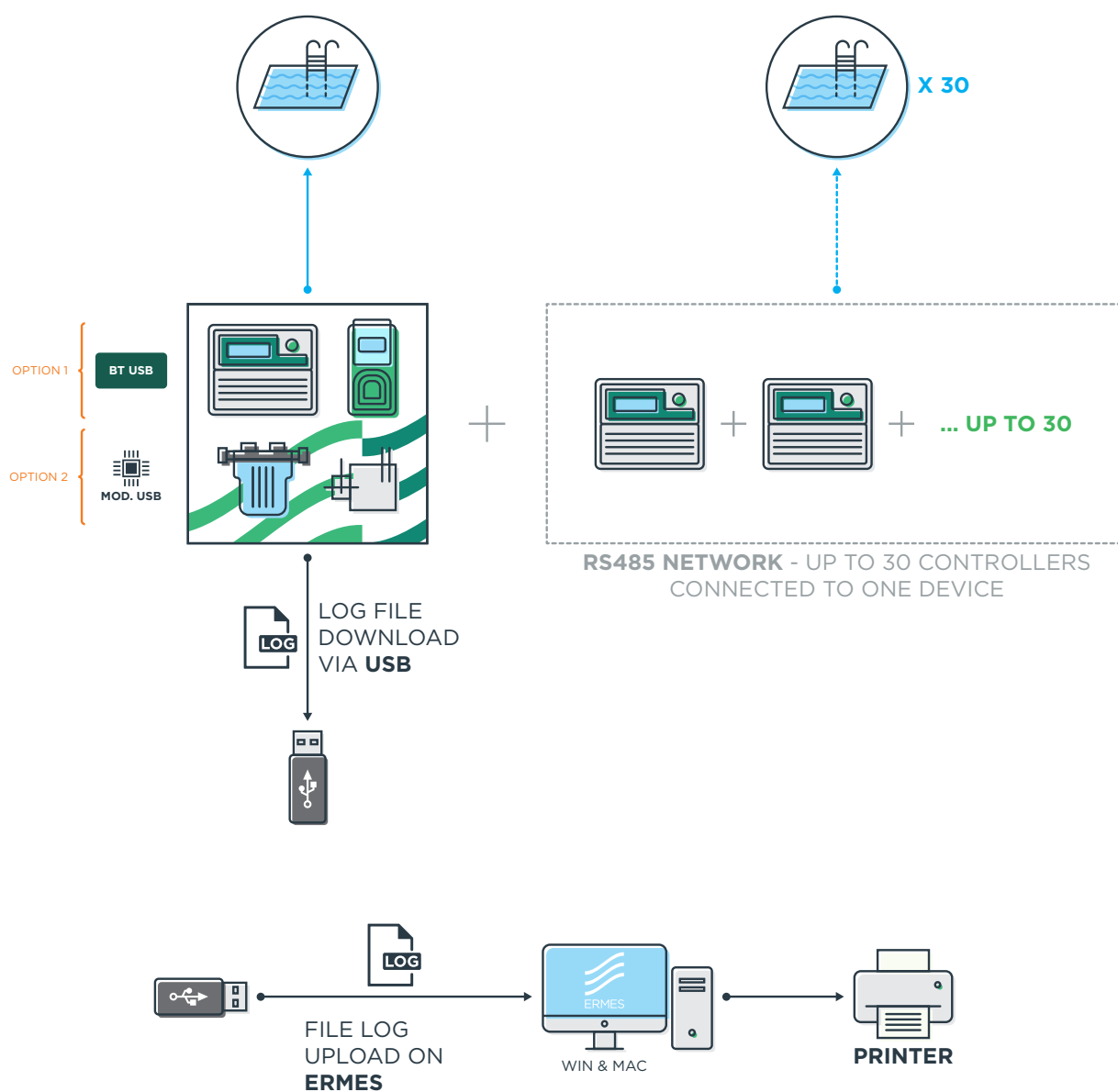
GSM - 3G/4G



Remote measurement and control

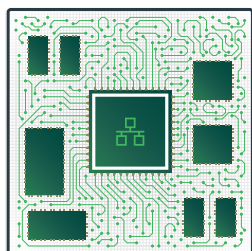
CONNECTION EXAMPLE

DATA DOWNLOAD & UPLOAD VIA USB



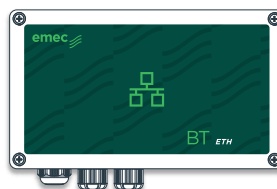
Modem and external communication modules

For LD, WDPHXX and CENTURIO controller series



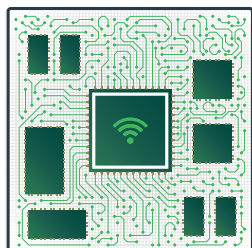
ETHERNET MODULE

Internal standard ETHERNET (RJ45) controller for LD encoder.



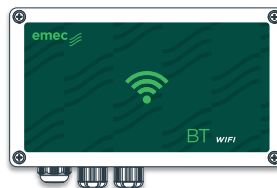
BT ETH

Ethernet controller for standard RJ45 network. IP65.



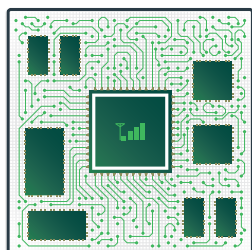
WIFI MODULE

Module for WIFI network. IP65.



BT WIFI

Module for WIFI connection. IP65.



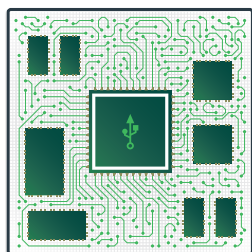
3G/4G MODULE

Internal 3G/4G modem for LD encoder.



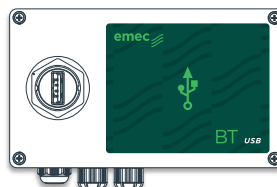
BT CEL

Modem for mobile network. IP65.



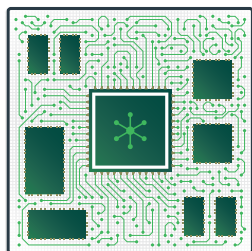
USB MODULE

Module for USB connection. IP65.



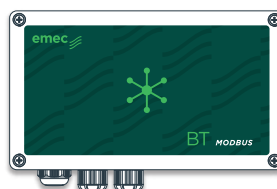
BT USB

USB module for USB datalog recording. IP65.



MODBUS MODULE

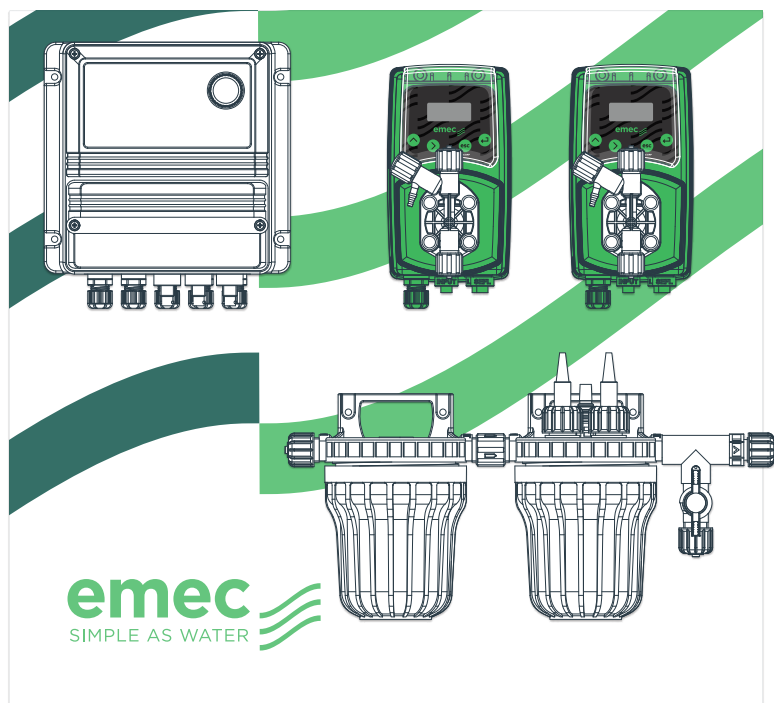
MODBUS RTU module for PLC connection.



BT MODBUS

Serial communication module for PLC connection.

All-in-one systems

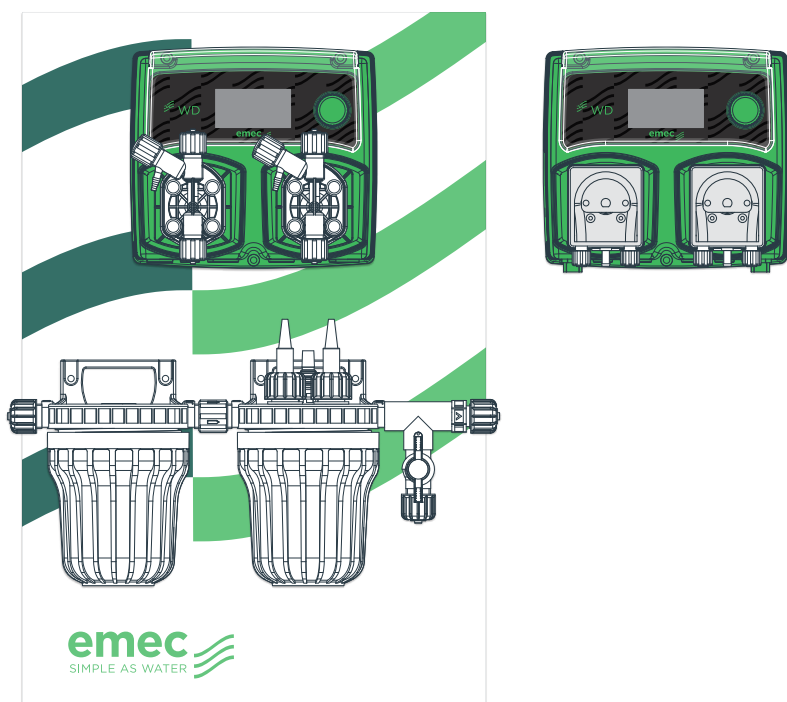


PA-LDPHRH

PH AND ORP PROPORTIONAL CONTROL

- Controller LDPHRH
- Dosing pump VMS MF 03 10 (10 l/h)
- Dosing pump VMS MF 03 10 (10 l/h)
- Filter NFIL
- pH probe EPHS
- ORP probe ERHS
- Probe holders NPED4

Size: 600x650 mm
Customized coloured background on demand



PA-WDPHOS

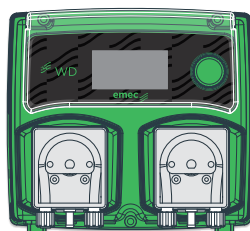
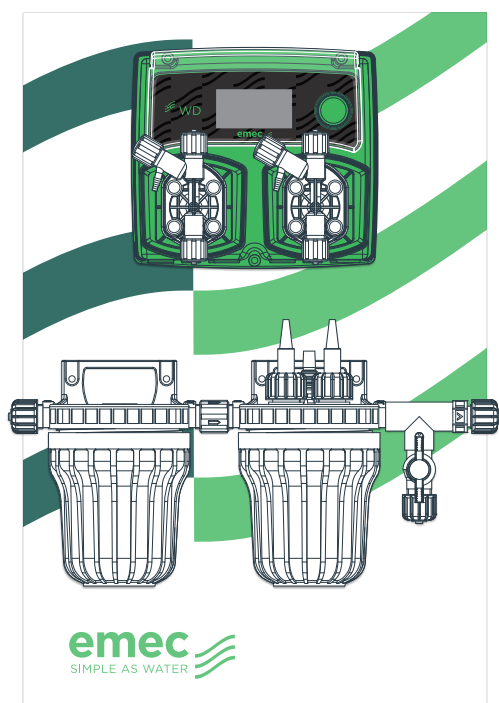
PH AND ACTIVE OXYGEN PROPORTIONAL CONTROL

- Controller WDPHOS 03 10 (10 l/h) and 03 04 (4 l/h), or WDPHOS PER 01 03 (with peristaltic dosing pumps)
- Filter NFIL
- Temperature probe ETEPTCH18
- pH probe EPHS
- Probes holder NPED4

Optional: Also available with WDPHOS PER

Size: 400x600 mm
Customized coloured background on demand.

OUTPUT **RS485**



PA-WDPHRH

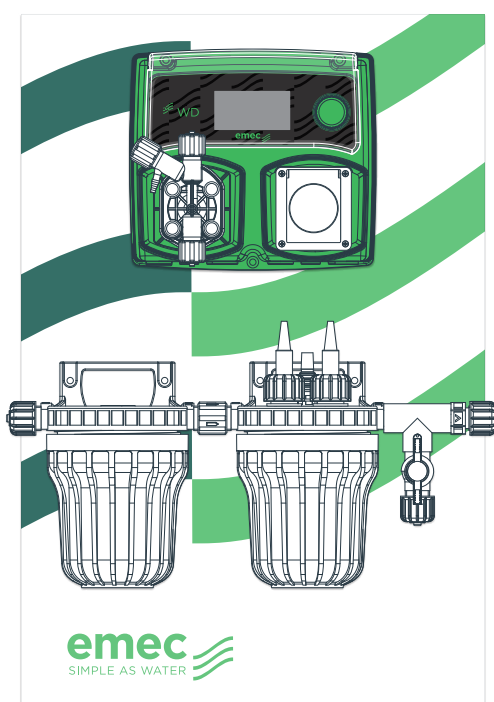
PH AND ORP PROPORTIONAL CONTROL

- Controller WDPHRH 03 10 (10 l/h), 05 01 (1 l/h) and 10 04 (4 l/h), or WDPHRH PER 01 03 (with peristaltic dosing pumps).
- Filter NFIL
- Probe ORP ERHS
- Probe pH EPHS
- Probes holder NPED4

Optional: Also available with WDPHRH PER

Size: 400x600 mm
Customized coloured background on demand.

OUTPUT **RS485**



PA-WDPHEV

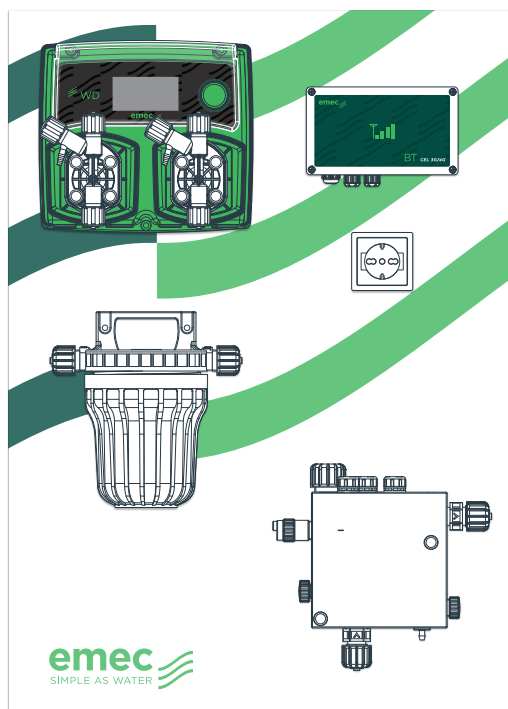
PH OR ORP PROPORTIONAL CONTROL, DRY FEEDER SOLENOID VALVE OR SALT GENERATOR (230VAC / 10A) OUTPUT

- Controller WDPHRHS 07 06 (6 l/h) or 05 01 (1 l/h) 2. Filter NFIL
- Probe ORP ERHS
- Probe pH EPHS
- Probes holder NPED4

Size: 400x600 mm
Customized coloured background on demand.

OUTPUT **RS485**

All-in-one systems



PA-WDPHCFA & PA-WDPHCASA

SALT CHLORINE GENERATOR VERSION:

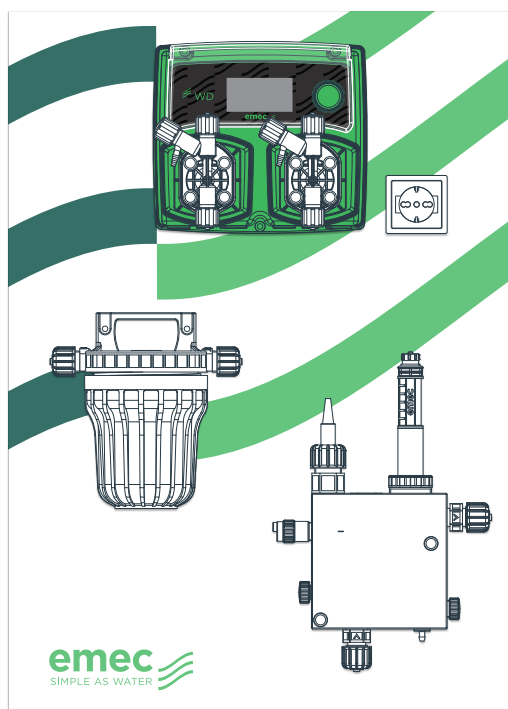
*Flocculant with continuous dosing PA-WDPHCFA
Anti algae with weekly timer PA-WDPHCASA*

- Controller WDPHCA 07 06 (6 l/h), 05 01 (1 l/h) or 10 04 (4 l/h)
- Probe pH EPHS
- Filter NFIL
- Proximity sensor SEPR
- Open amperometric cell ECL6
- Modem BT CEL
- Output 10 A 220 VAC

Optional: Free of voltage EV contact.

Size: 500x700 mm
Customized coloured background on demand.

OUTPUT **RS485**



PA-WDPHCA/CF & PA-WDPHBA/BF

CHLORINE / BROMINE DRY FEEDER:

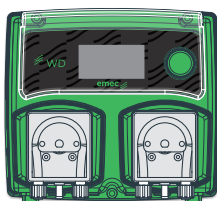
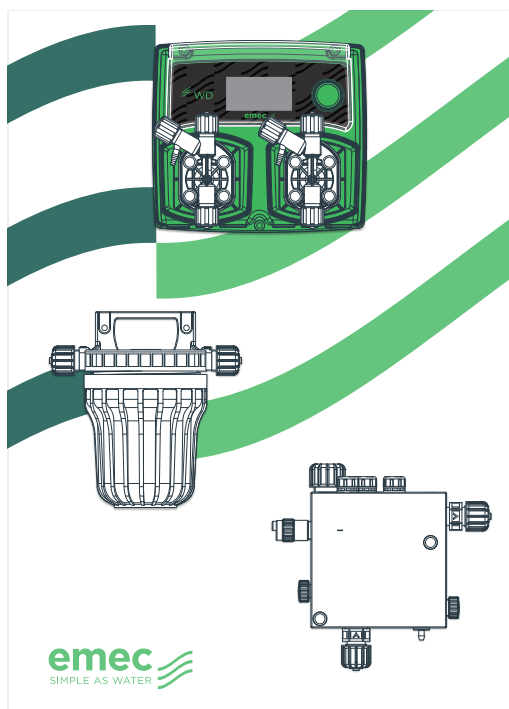
*Flocculant with continuous dosing PA-WDPHCFBF
Anti algae with weekly timer PA-WDPHCABA*

- Controller WDPHCL 07 06 (6 l/h), 05 01 (1 l/h) or 10 04 (4 l/h)
- Probe pH EPHS
- Chlorine probe SCL3S/20 or Bromine probe SBR 1/20
- Filter NFIL
- Proximity sensor SEPR
- Probes holder PEFIR
- Output 10 A 220 VAC

Optional: Free of voltage EV contact.

Size: 500x700 mm
Customized coloured background on demand.

OUTPUT **RS485**



PA-WDPHCL

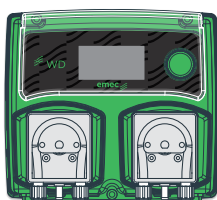
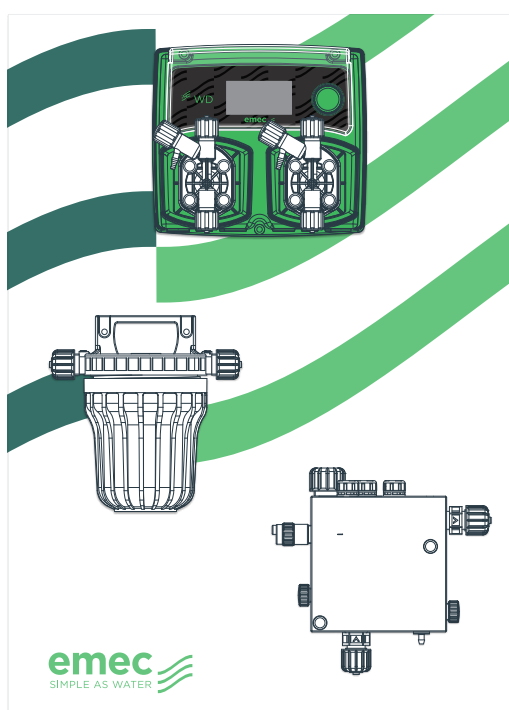
PH AND CHLORINE PROPORTIONAL CONTROL

- Controller WDPHCL 07 06 (6 l/h), 05 01 (1 l/h) or 10 04 (4 l/h), or WDPHCL PER 01 03 (with peristaltic dosing pumps).
- Filter NFIL
- Proximity sensor SEPR
- Probe pH EPHS
- Open amperometric cell ECL6

Optional: Also available with WDPHCL PER

Size: 500x700 mm
Customized coloured background on demand.

OUTPUT **RS485**



PA-WDPHCLO

PH AND CHLORINE PROPORTIONAL CONTROL (INORGANIC/ORGANIC)

- Controller WDPHCL 07 06 (6 l/h), 05 01 (1 l/h) or 10 04 (4 l/h), or WDPHCL PER 01 03 (with peristaltic dosing pumps).
- Filter NFIL
- Proximity sensor SEPR
- Probe pH EPHS
- Chlorine probe SLC3S/20
- Probes holder PEF1R

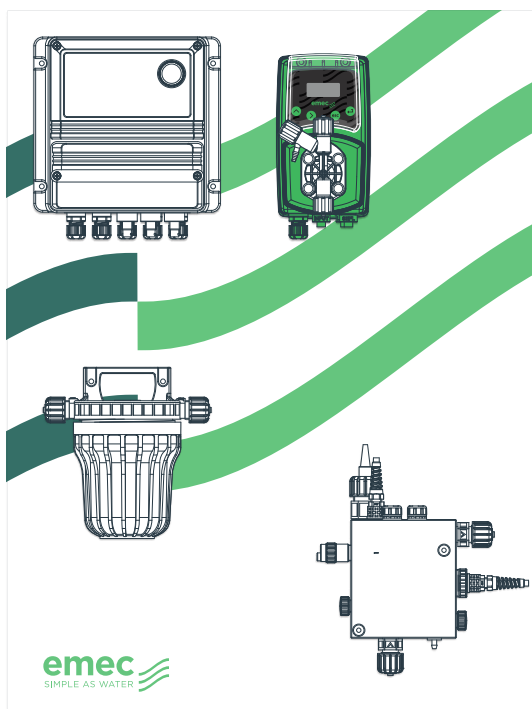
Optional: Also available with WDPHCLO PER

Size: 500x700 mm
Customized coloured background on demand.

OUTPUT **RS485**

All-in-one systems

Controller based system with open amperometric cell ECL6

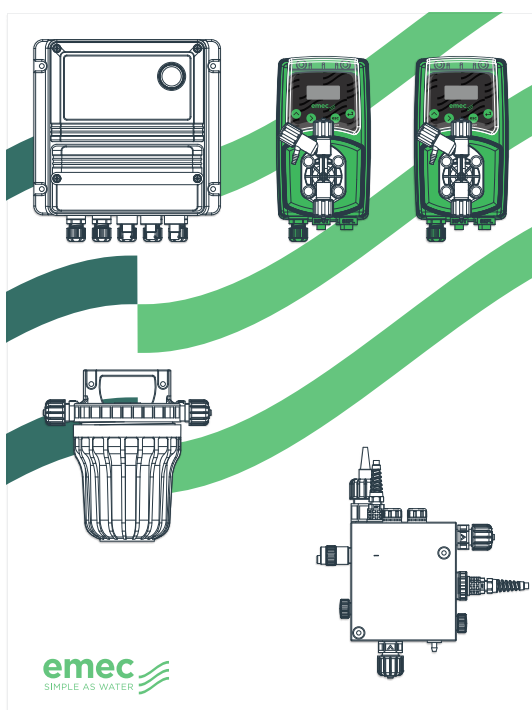


PA-LDPHCL

**FOR DRY FEEDER USAGE (CHLORINE / BROMINE) OR SALT CHLORINE GENERATOR.
MEDIUM SIZE POOL**

- Controller LDPHCL
- Dosing pump for acid VMS MF 03 10 (10 l/h) 3.
Filter NFIL
- Probe pH EPHS
- Proximity sensor SEPR
- Temperature probe ETEPTCH18
- Open amperometric cell ECL6

Size: 600x800 mm
Customized coloured background on demand.

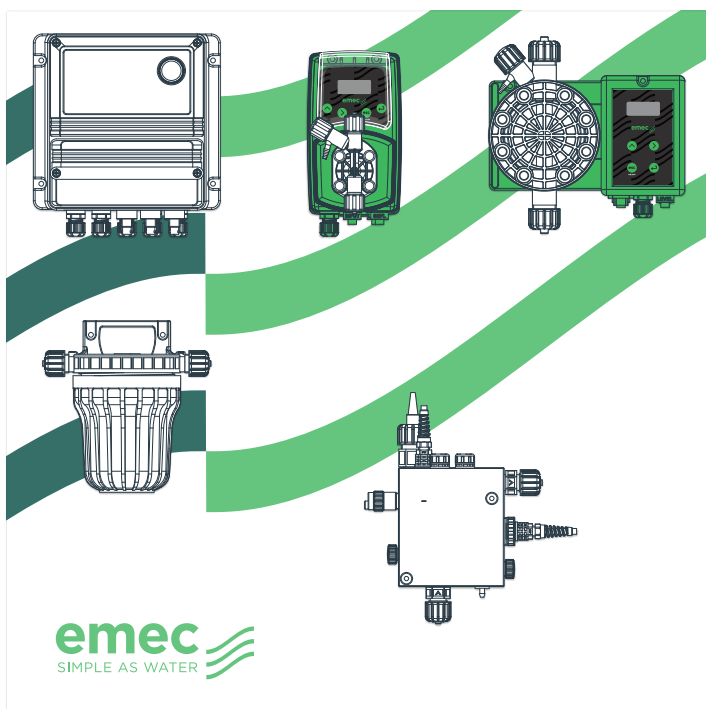


PA-LDPHCLO

**PH AND CHLORINE PROPORTIONAL CONTROL.
MEDIUM SIZE POOL**

- Controller LDPHCL
- Dosing pump for acid VMS MF 03 10 (10 l/h)
- Dosing pump for chlorine VMS MF 02 15 (15 l/h)
- Filter NFIL
- Probe pH EPHS
- Proximity sensor SEPR
- Temperature probe ETEPTCH18
- Open amperometric cell ECL6

Size: 600x800 mm
Customized coloured background on demand.

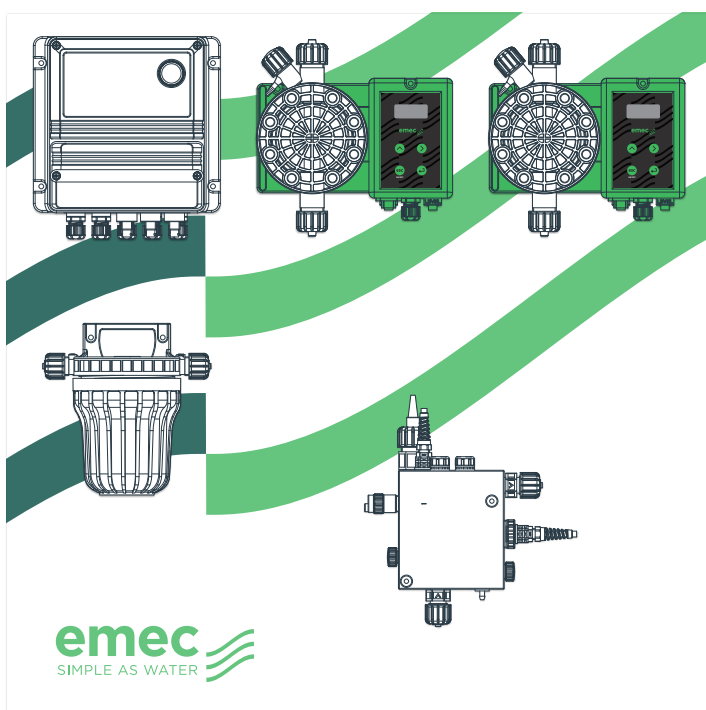


PA-LDPHCLOB

FOR PH AND CHLORINE PROPORTIONAL CONTROL. LARGE SIZE POOL

- Controller LDPHCL
- Dosing pump for acid VMS MF 02 15 (15 l/h)
- Dosing pump for chlorine TMS MF 03 30 (30 l/h)
- Filter NFIL
- Probe pH EPHS
- Proximity sensor SEPR
- Temperature probe ETEPTCH18
- Open amperometric cell ECL6

Size: 800x800 mm
Customized coloured background on demand.



PA-LDPHCLOBG

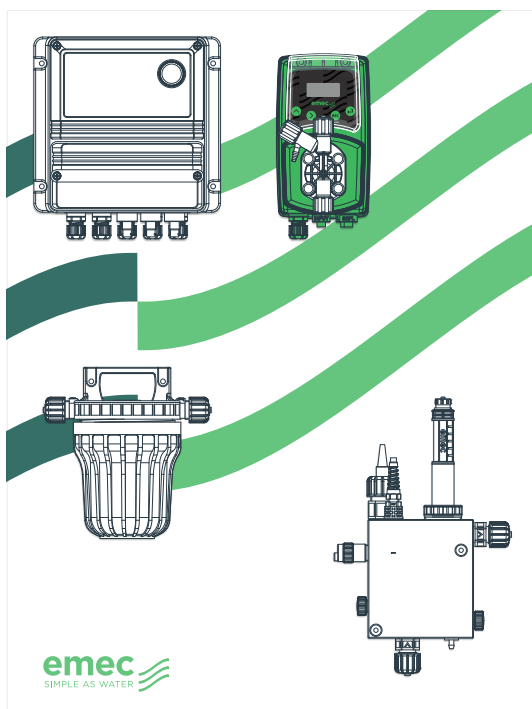
FOR PH AND CHLORINE PROPORTIONAL CONTROL. LARGE SIZE POOL

- Controller LDPHCL
- Dosing pump for acid TMS MF 03 30 (30 l/h)
- Dosing pump for chlorine TMS MF 01 50 (50 l/h)
- Filter NFIL
- Probe pH EPHS
- Proximity sensor SEPR
- Temperature probe ETEPTCH18
- Open amperometric cell ECL6

Size: 800x800 mm
Customized coloured background on demand.

All-in-one systems

Controller based system with closed amperometric cell SCL3S/20 and PEF1



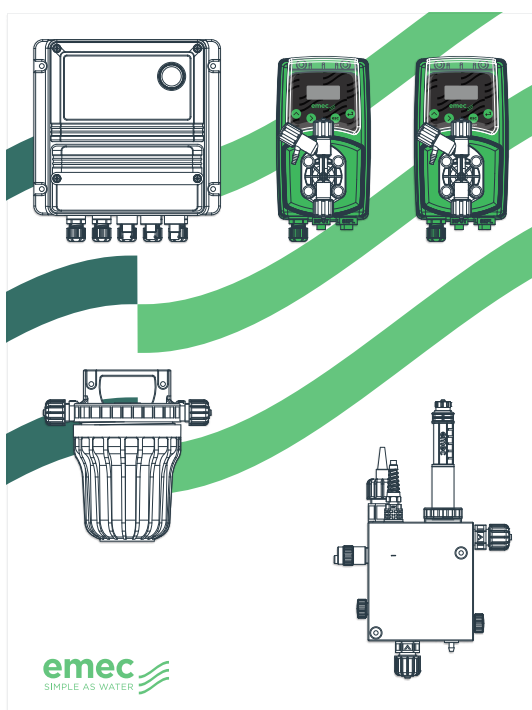
PA-LDPHCLV & PA-LDPHBR

FOR DRY FEEDER OR SALT CHLORINE GENERATOR. MEDIUM SIZE POOL

- Controller LDPHCL
- Dosing pump for acid VMS MF 03 10 (10 l/h)
- Filter NFIL
- Proximity sensor SEPR
- Probe pH EPHS
- Chlorine probe SCL3S/20
- Temperature probe ETEPTCH18
- Probes holder PEF1R

PA-LDPHBR: Also available with bromine probe EBR 1/20.

Size: 600x800 mm
Customized coloured background on demand.

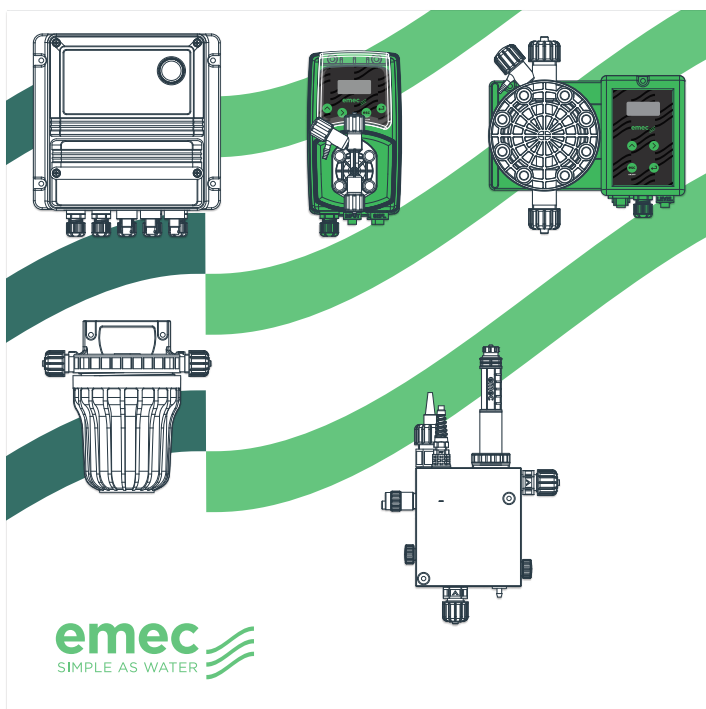


PA-LDPHCLVD

PH AND CHLORINE PROPORTIONAL CONTROL (INORGANIC/ORGANIC). MEDIUM SIZE POOL

- Controller LDPHCL
- Dosing pump for acid VMS MF 03 10 (10 l/h)
- Dosing pump for chlorine VMS MF 02 15 (15 l/h)
- Filter NFIL
- Proximity sensor SEPR
- Probe pH EPHS
- Chlorine probe SCL3S/20
- Temperature probe ETEPTCH18
- Probes holder PEF1R

Size: 600x800 mm
Customized coloured background on demand.

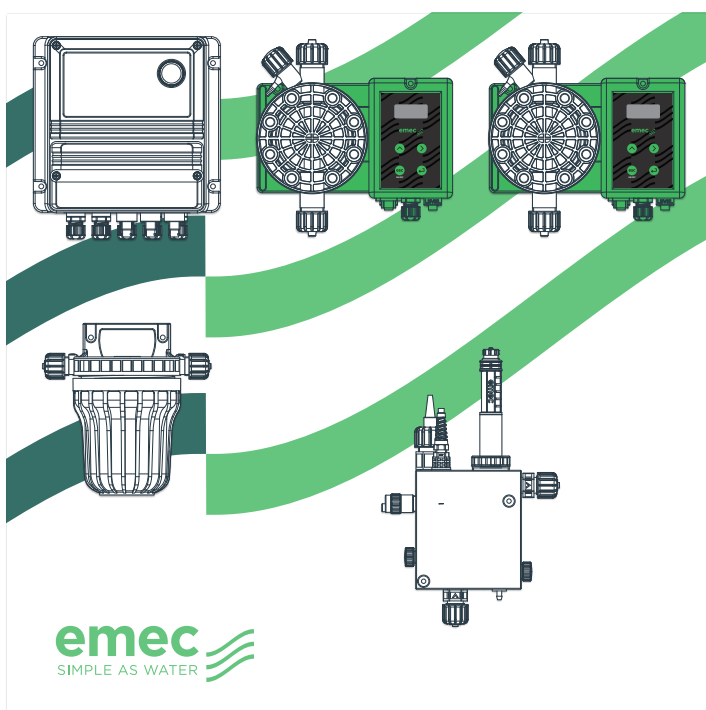


PA-LDPHCLVG

PH AND CHLORINE PROPORTIONAL CONTROL (INORGANIC/ORGANIC). BIG SIZE POOL

- Controller LDPHCL
- Dosing pump for acid VMS MF 02 15 (15 l/h)
- Dosing pump for chlorine TMS MF 03 30 (30 l/h)
- Filter NFIL
- Proximity sensor SEPR
- Probe pH EPHS
- Chlorine probe SCL3S/20
- Probes holder PEF1R

Size: 800x800 mm
Customized coloured background on demand.



PA-LDPHCLGD

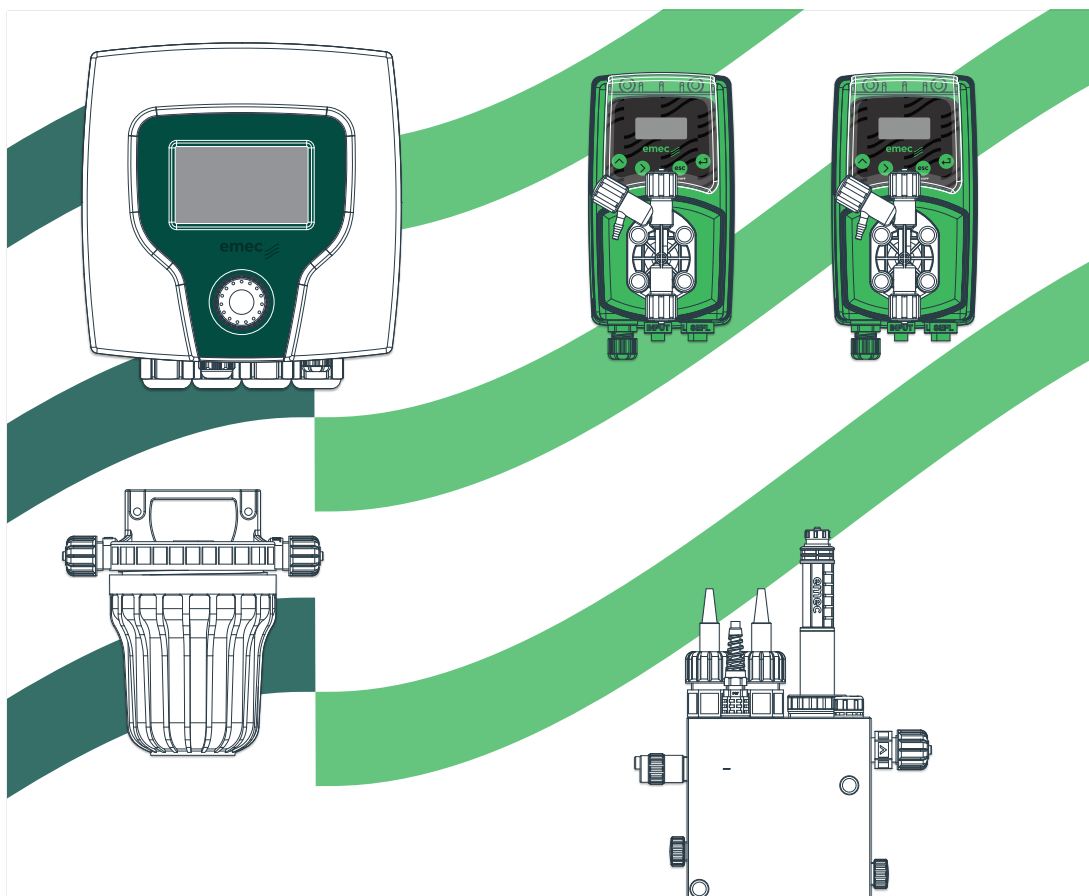
PH AND CHLORINE PROPORTIONAL CONTROL (INORGANIC/ORGANIC). BIG SIZE POOL

- Controller LDPHCL
- Dosing pump for acid TMS MF 03 30 (30 l/h)
- Dosing pump for chlorine TMS MF 01 50 (50 l/h)
- Filter NFIL
- Proximity sensor SEPR
- Probe pH EPHS
- Chlorine probe SCL3S/20
- Probes holder PEF1R

Size: 800x800 mm
Customized coloured background on demand.

Advanced all-in-one systems

PA-CED



PH, ORP, FREE CHLORINE AND TEMPERATURE CONTROL

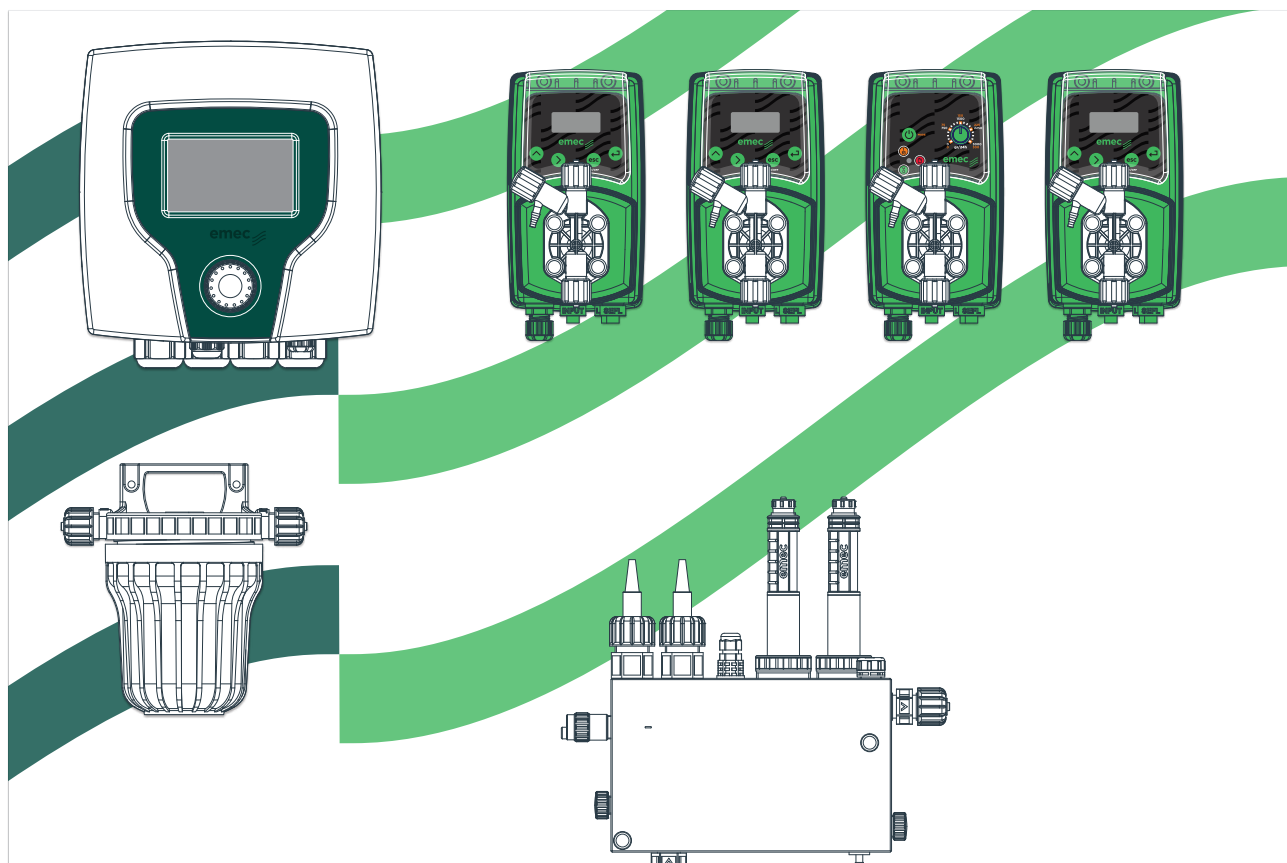
- Controller CENTURIO POOL
- Dosing pump for acid VMS MF 03 10 (10 l/h)
- Dosing pump for chlorine VMS MF 02 15 (15 l/h)
- Filter NFIL
- Probe EPHS di pH
- Probe SCL3S/20 Free chlorine
- Proximity sensor SEPR
- Temperature probe ETEPTCH18
- Probe ERHS di ORP
- Probes holder PEFIR

Optional: also available with Centurio Pool controller

Size: 800x800 mm
Customized coloured background on demand.

The images contained in these pages are for illustrative purposes only. For more information on possible configurations, contact the sales office or your sales representative.

PA-CEDB



PH, ORP, FREE CHLORINE, TOTAL CHLORINE, COMBINED CHLORINE AND TEMPERATURE ANTI ALGAE AND FLOCCULANT TREATMENT

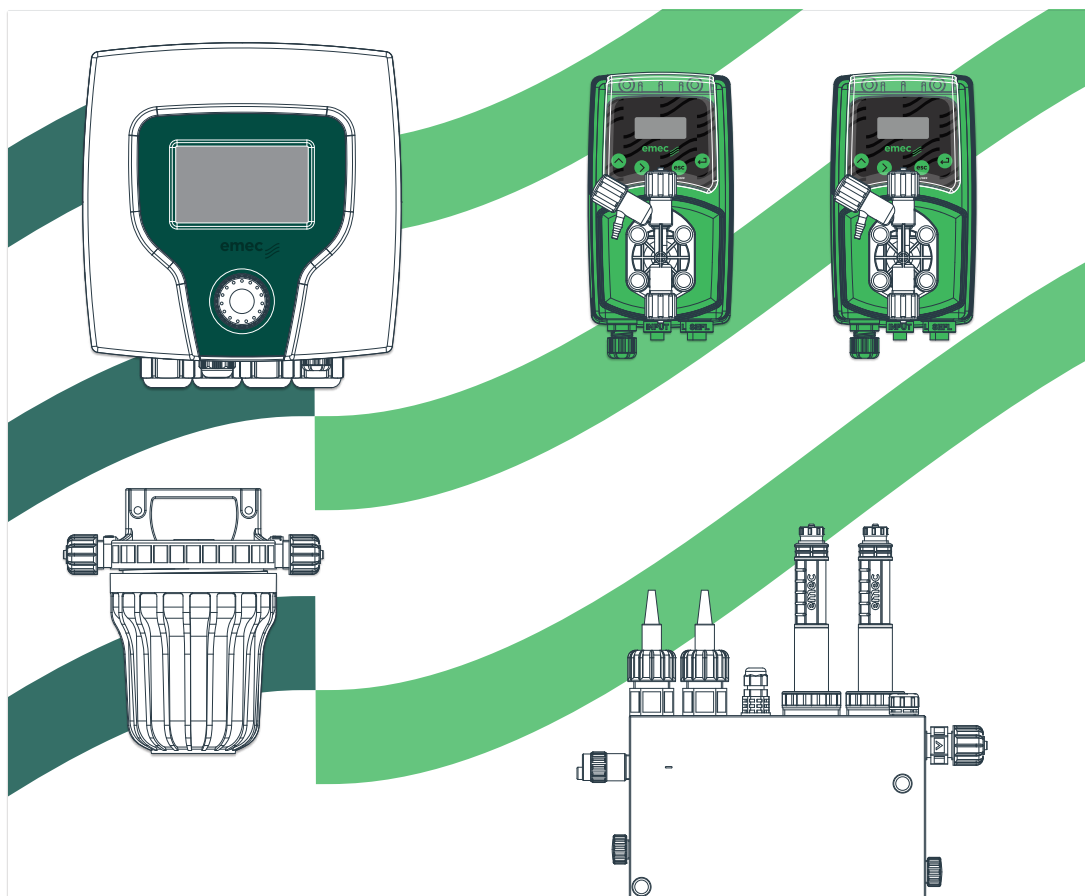
- Controller CENTURIO POOL
- Dosing pump for acid VMS MF 03 10 (10 l/h)
- Dosing pump for chlorine VMS MF 02 15 (15 l/h)
- Dosing pump for flocculant VCLG
- Dosing pump for anti algae VMS MF 07 06 (6 l/h)
- Filter NFIL
- Probe di pH EPHS
- ORP probe ERHS
- Temperature probe ETEPTCH18
- Free chlorine probe SCL3S/20
- Total chlorine probe SCL8/20
- Proximity sensor SEPR
- Probes holder PEF22R

Optional: also available with Centurio Pool controller

Size: 1000x800 mm
Customized coloured background on demand.

Advanced all-in-one systems

PA-CEDV



PH, ORP, FREE CHLORINE, TOTAL CHLORINE, COMBINED CHLORINE AND TEMPERATURE

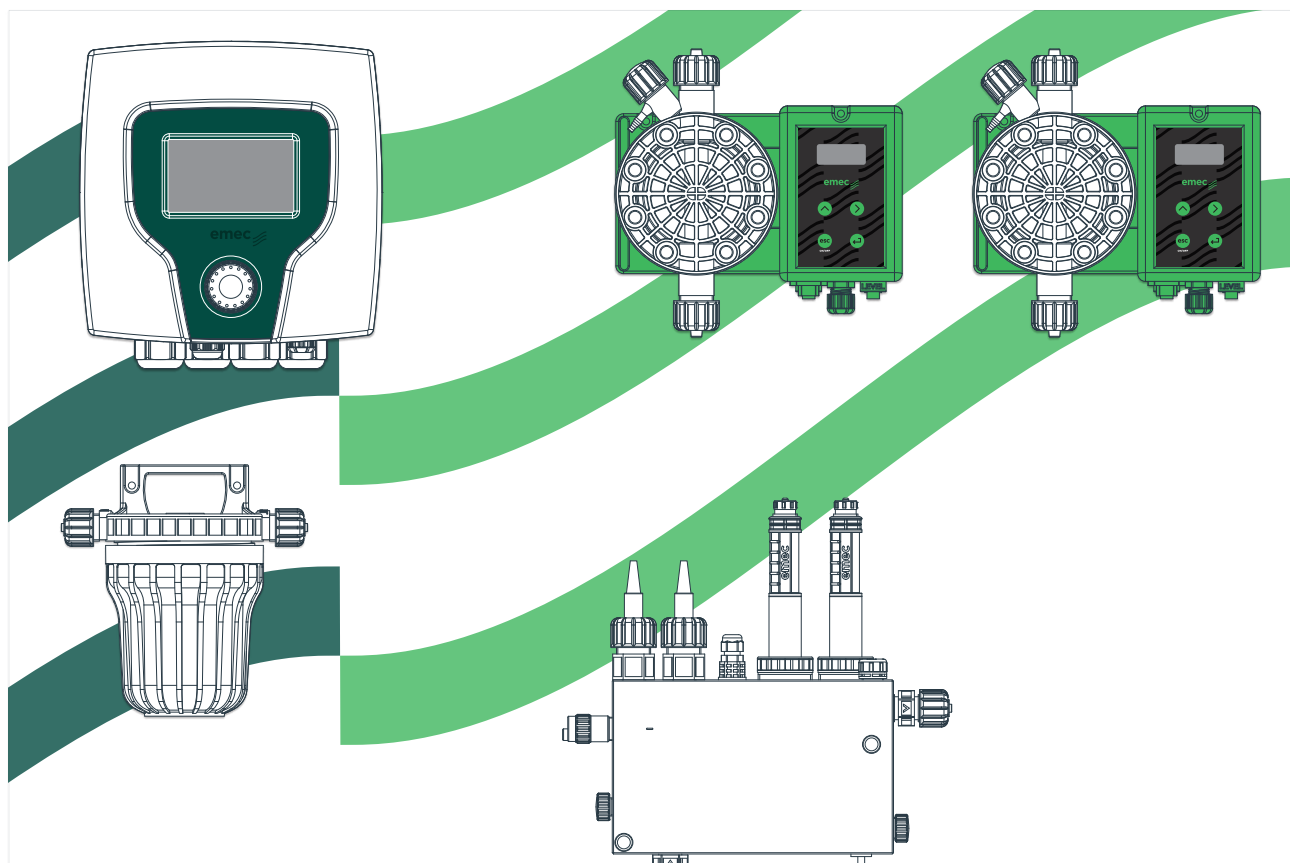
- Controller CENTURIO POOL
- Dosing pump for acid VMS MF 03 10 (10 l/h)
- Dosing pump for chlorine VMS MF 02 15 (15 l/h)
- Filter NFIL
- Probe di pH EPHS
- ORP probe ERHS
- Temperature probe ETEPTCH18
- Free chlorine probe SCL3S/20
- Total chlorine probe SCL8/20
- Proximity sensor SEPR
- Probes holder PEF22R

Optional: also available with Centurio Pool controller

Size: 800x800 mm
Customized coloured background on demand.

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PA-CEDT



PH, ORP, FREE CHLORINE, TOTAL CHLORINE, COMBINED CHLORINE AND TEMPERATURE

- Controller CENTURIO POOL
- Dosing pump for acid TMS MF 03 30 (30 l/h)
- Dosing pump for chlorine TMS MF 01 50 (50 l/h)
- Filter NFIL
- Probe di pH EPHS
- ORP probe ERHS
- Temperature probe ETEPTCH18
- Free chlorine probe SCL3S/20
- Total chlorine probe SCL8/20
- Proximity sensor SEPR
- Probes holder PEF22R

Optional: also available with Centurio Pool controller

Size: 1000x800 mm
Customized coloured background on demand.

Accessories



EPHS

pH electrode for pressures up to 7 bar/70°C (3.5 bar/80°C). 0.8 m cable. Epoxy body. Minimum 100 µS.



ERHS

ORP electrode for pressures up to 7 bar/70°C (3.5 bar/80°C). 0.8 m cable. Epoxy body. Minimum 100 µS.



BUFFER SOLUTIONS

Buffer solutions for probes calibration.



SCL8

Total chlorine amperometric cell (organic and inorganic), from 0 to 2 mg/l; from 0 to 20 mg/l, pH and temperature compensated.



ECL6 / ECL12

Free chlorine / bromine amperometric cell (organic and inorganic), from 0 to 10 mg/l. Flow switch and flow adjustment. Electrodes holder for pH, Redox and temperature. With proximity switch mod. SEPR. 6x8 fittings. With LED light sold as option.



SCL3S/20

Free chlorine amperometric cell (organic and inorganic), from 0 to 10 mg/l, pH and temperature compensated.



ETEPT

Temperature probe PT100 (0°C÷100 °C, max 10bar). Suitable for LDxx, LDPHxx series instruments.



PEF22R

Holder for Chlorine, pH, Redox, free Chlorine, total Chlorine and temperature probes. Provided type SEPR flow controller. With LED light sold as option.



PEF1R

Off-line probes holder for ECL1/2/3/8/9/10/11 and pH, Redox and temperature, with flow switch and regulation. With proximity switch mod. SEPR. 6X8 fittings. With LED light sold as option.



NFIL CA

Activated 5" filter with carbon filter cartridge. 6x8 fittings. With LED light sold as option.



NFIL

Filter with cartridge. Washable. PET (60 µ). 6x8 fittings. With LED light sold as option.



NPED4

Off-line electrode holder for EPH and ERH electrodes. Epoxy Ø12 casing. Max temperature 50° C, max pressure 5bar with flow sensor, N.O. switch, 6x8 fittings. With LED light sold as option.



EVLA

Electrovalve for dry feeder (chlorine / bromine). 1/2" fitting.



PELC

PVDF in-line electrode holder for pH / Redox electrodes with 1/2" or 3/4" thread. For saddle connection.



PEL

PVDF in-line electrode holder for pH / Redox electrodes with 1/2" or 3/4" thread. For "T" connection.



SBR1/20

Amperometric cell for bromine (reading range from 0 to 20 mg/l), pH and temperature compensated.

Accessories



MIXVN/8

High speed mixer 1400 RPM. AISI shaft-PVC coated, different lengths available (630-730-830-930 mm). Marine impeller, diameter 70mm.



MIXN/8

Slow speed mixer 70/200 RPM. AISI shaft-PVC coated, different lengths available (630-730-830-930 mm). 3-blade impeller, diameter 150mm.



MIXN/MAN

Manual mixer. PVC shaft, different lengths available (500-600 and 700-800 mm). Impeller diameter 130 mm.



MIX "PISTON"

Manual mixer. PVC shaft, different lengths available (500-600 and 700-800 mm). Impeller diameter 130 mm.



LASP

Suction lances with level control, for tanks up to 25 liters.



LASP

Suction lances with level control, for tanks up to 1000 liters.



LINIR

1/2" injection lance for dosing sodium hypochlorite in hard water. Self cleaning. FKM B o-ring. PVC body.



PVDF INJECTION VALVE

PVDF made injection valve with 1/2" or 3/4" fittings.



MF MULTIFUNCTION VALVE
Multifunction valve (pressure, safety, antisiphon and bleed) 1/2" connections for different hoses diameters. FKM B or EPDM o-ring. PVDF body.



LEVEL PROBE with FOOT FILTER
Level probe with REED TYPER CONTACT. High temperature resistant, not influenced by viscosity, opacity, conductivity or dielectric constant (0 e 60°C).



CHEMICAL TANKS & SAFETY BUNDS
Chemical tanks made of polyethylene, UV resistant with safety bunds. For dosing pumps and mixers.



CALCIUM HYPOCHLORITE DOSING STATIONS
Our chemical tanks can be assembled with:

- 1 Dosing pump (or 2 without mixer) - 1 mixer
- 1 water loading faucet
- 1 outgassing valve
- 1 or 2 suction lances
- 1 water purging faucet
- 2 level probes with filter (without mixer)

Assembling made with two dosing pumps must use a double-suction lance and KDPV kit for connecting both the pumps.



A.T.A. S.R.L.

VIA MOLINELLO 38 - 16035 RAPALLO (GE)

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IMPIANTI DI DOSAGGIO

TRATTAMENTO ACQUE

AUTOMAZIONE

POMPE DOSATRICI PER PRODOTTI CHIMICI

FERTIRRIGAZIONE