

SIMPLE
AS WATER

Solenoid-driven
Dosing Pumps

emec 



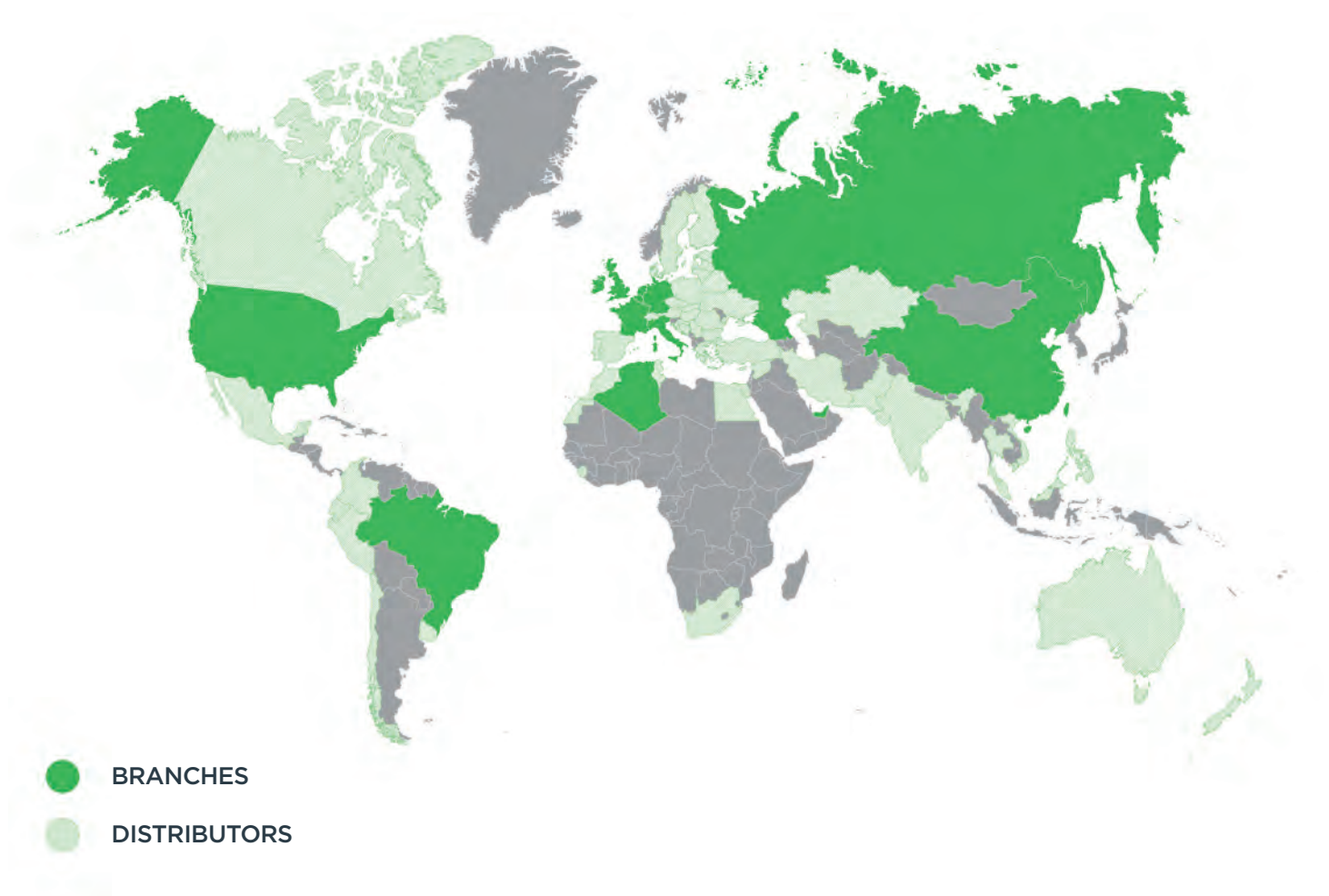
SIMPLE
AS WATER



EMEC

WATER TREATMENT SYSTEMS

Worldwide



EMEC srl
THE BEST DOSING SOLUTIONS SINCE 1982

188 employees in Italy

54 countries

10 branches and **24** distributors

150.000 dosing pumps/year

30.000 controllers/year

5.000 all-in-one solutions/year



100% MADE IN ITALY
All our products are 100% Made in Italy.



WARRANTY
5 years warranty for our dosing pumps and controllers.

DOSING PUMPS

AMS Series

Flow rate up to 60 L/hr, working pressure up to 25 bar

- Manual stroke length adjustment
- Manual or self venting
- High strength membrane -5- year warranty
- Horizontal mounting
- PVDF pump head



- AMS MF digital multi-function
- AMS PH built-in pH reading and adjustment
- AMS RH built-in ORP reading and adjustment

- AMS PLUS constant / constant 1-10 multiplier 1-10 divider 1-10 / 1-100 / 1-1000 mA current signal
- AMS CO PLUS constant with divider 1/10
- AMS CL PLUS constant with level control and divider 1/10

PUMP HEADS



PVDF



PP



AISI 316L



PMMA



LPV



P

SUPPLIED ACCESSORIES



Level Probe with foot filter



1/2" or 3/4" Injection valve

DOSING PUMPS



K Series

Flow rate up to 18 L/hr, working pressure up to 20 bar

- Manual stroke length adjustment
- Manual or self venting
- High strength membrane -5- year warranty
- Horizontal mounting
- PVDF pump head



- KMS DC digital constant
- KMS MF digital multi-function
- KMS PH built-in pH reading and adjustment
- KMS RH built-in ORP reading and adjustment
- KMS EN weekly timer and solenoid valve control
- KMS CL built-in chlorine reading and control

- K PLUS constant / constant 1-10 multiplier 1-10 divider 1-10 / 1-100 / 1-1000 mA current signal
- K CO PLUS constant with divider 1/10
- K CL PLUS constant with level control and divider 1/10

PUMP HEADS

SUPPLIED ACCESSORIES



PVDF



PP



AISI 316L



PMMA



LPV



P



Level Probe with foot filter



1/2" Injection valve

DOSING PUMPS

T Series

Flow rate up to 100 L/hr, working pressure up to 20 bar

- Electronic flow adjustment
- Manual or self venting
- High strength membrane - 5 - year warranty
- Wall mounting
- PVDF pump head



- TMS DC digital constant
- TMS MF digital multi-function
- TMS PH built-in pH reading and adjustment
- TMS RH built-in ORP reading and adjustment



- TCO constant
- TCL constant with level control

PUMP HEADS



PVDF

PP

LPV

P

SUPPLIED ACCESSORIES



Level Probe with foot filter

1/2" or 3/4" Injection valve

DOSING PUMPS



V Series

Flow rate up to 16 L/hr, working pressure up to 20 bar

- Electronic flow adjustment
- Manual or self venting
- High strength membrane - 5 - year warranty
- Wall mounting
- PVDF pump head
- Silent models also available



- VMS MF digital multi-function
- VMS PO built-in pH or ORP reading and control (set by menu)
- VMS EN weekly timer and solenoid valve control

- VCO constant
- VCL constant with level control

PUMP HEADS



PVDF
Manual venting



PP
Manual venting



PVDF
Self venting



PP
Self venting

SUPPLIED ACCESSORIES



Level Probe
with foot filter



1/2" Injection
valve

DOSING PUMPS

WDPHXX Series

Flow rate up to 10 L/hr, working pressure up to 7 bar

- Digital programmable controller with double metering pumps
- Wall mounting
- Easy control by ENCODER wheel with EASY-NAV rotation
- Double PVDF pump head
- RS485 output for remote control



WDPHRH acid (pH) and disinfectant (ORP)

WDPHCL acid (pH) and chlorine

WDPHCF acid, flocculant (gr/h) and 230 VAC output for chlorine

WDPHCA acid, anti-algae and 230 VAC output for chlorine

WDPHOS acid (pH) and active oxygen

PUMP HEADS



PVDF

Manual venting



PP

Manual venting



PVDF

Self venting



PP

Self venting

SUPPLIED ACCESSORIES



Level Probe
with foot filter



Clapet d'injection
1/2"

DOSING PUMPS



RAC Series

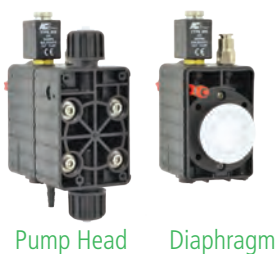
Car Wash

Compressed Air driven pumps
3 installing modes: horizontal, wall and DIN rail mounting
Multiple pumps installation (side by side)
Single injection control knob



- RAC Pneumatic
- RACV Pneumatic with electrovalve
- RACP Pneumatic with priming button

PUMP HEADS



Pump Head

Diaphragm

INSTALLING OPTIONS



DIN rail

Wall

Horizontal

SUPPLIED ACCESSORIES



Foot filter

1/2" Injection valve

DOSING PUMPS

Pumps Accessories

Reliable products

CHEMICAL TANKS & SAFETY BUNDS



Chemical tanks made of polyethylene, UV resistant with safety bunds.
For dosing pumps and mixers.



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 KDVP kit for connecting both the pumps.

MIXVN/8



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

MIXN/8



Slow speed mixer 65/200 RPM.
AISI shaft-PVC coated, different
lengths available
(630-730mm).
3-blade impeller, diameter 150mm.

MIXN/MAN



Manual mixer.
PVC shaft, different
lengths available
(450-650 and 770-1100 mm).
Impeller diameter 130 mm.

MIX « PISTON »



Manual mixer.
PVC shaft, different lengths
available (450 mm).

DOSING PUMPS



Pumps Accessories

Reliable products

LASP



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

LINI R



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

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.

SEFL



Flow sensor with PVDF body, N.C. contact and adjustable sensitivity.

Max 45°C - 25 bar

CWFA



Woltmann water pulse sender water meter, dry dial.

Max 60°C - 16 bar

CTFI



Cold water pulse sender water meter.

Max 30°C - 16 bar

CATFI - dry dial

CWFAT



Woltmann water pulse sender water meter, dry dial and PTFE internal/external coating.

Max 60°C - 16 bar

CTFIT



Cold water pulse sender water meter and PTFE internal/external coating.

Max 30°C - 16 bar



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