emec®
SIMPLE AS WATER

PROBES AND ACCESSORIES



SIMPLE
AS WATER

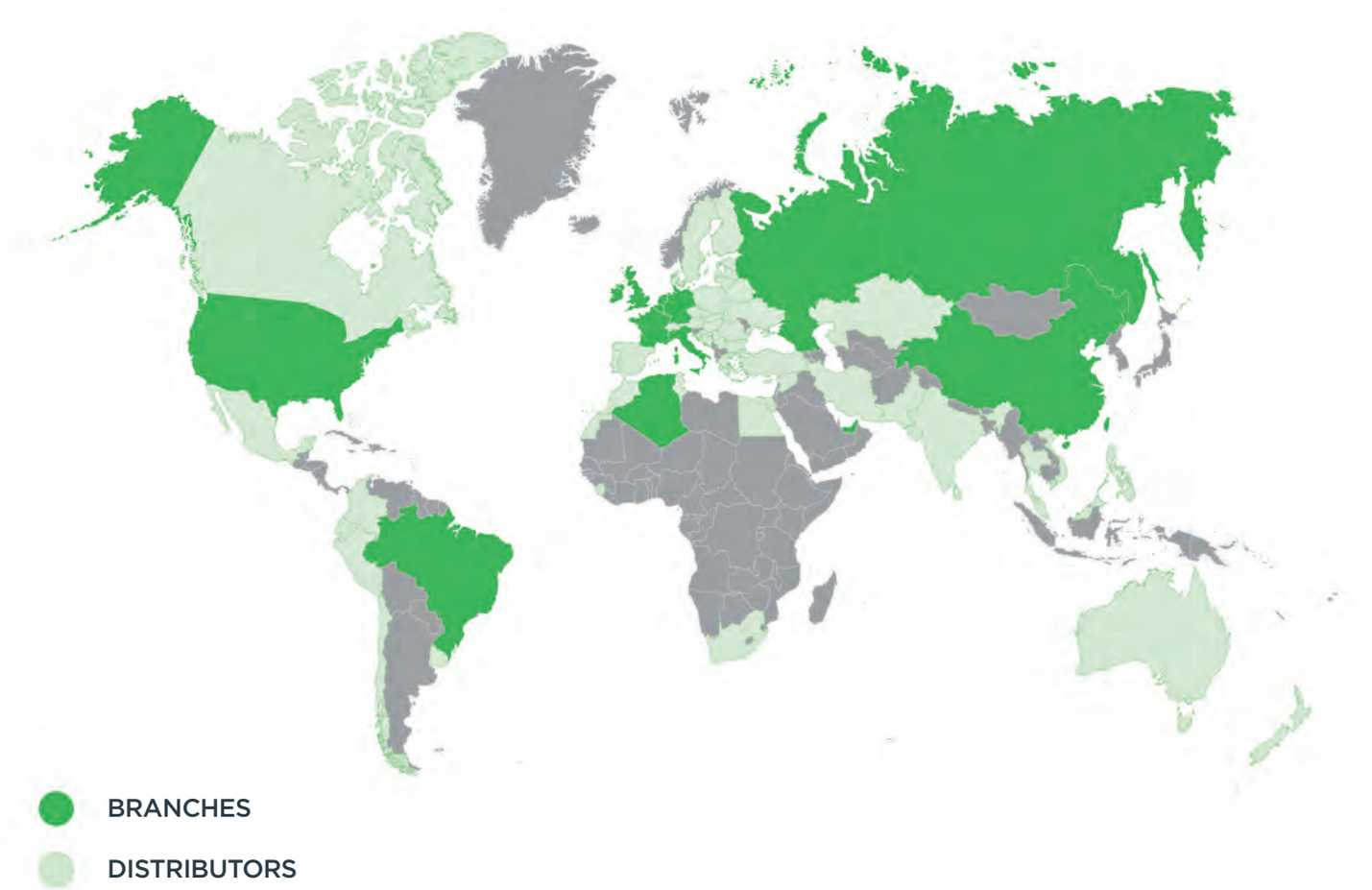
emec



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

MADE IN ITALY

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

5 YEARS WARRANTY

WARRANTY
5 years warranty for our dosing pumps and controllrers.

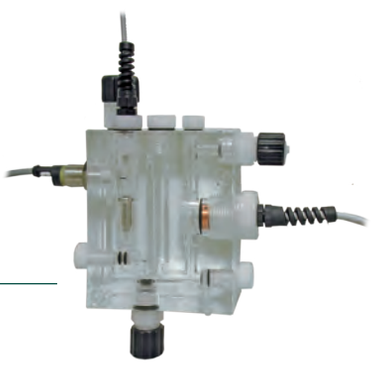
MEASUREMENT SYSTEMS

PROBES

SCL - Closed amperometric cells

Free chlorine (organic and inorganic) for fresh water, total chlorine, chlorine dioxide, hydrogen peroxyde, ozone, peracetic acid, bromine.





ECL - Open amperometric cells

Free chlorine (organic and inorganic) for fresh water and salt water.



EPH - pH probes

Working temperature max 70° C
Working pressure max 7 bar



ERH - ORP probes

Working temperature max 70° C
Working pressure max 7 bar

EOLUM - Dissolved Oxygen probes

Working temperature max 50° C
Working pressure max 10 bar





ETORB2 - Turbidity probes

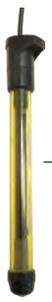
Working temperature max 40° C
Working pressure max 2 bar



ETRC - Inline Fluorometer

Working temperature max 50° C
Working pressure max 7 bar

PROBES



EFL - Fluoride ione probes

Working temperature max 70° C
Working pressure max 7 bar



ECDHL - Conductivity, Platinum electrodes

Working temperature max 70° C
Working pressure max 7 bar



ECDC - Conductivity, Graphite electrodes

Working temperature max 60° C
Working pressure max 7 bar



ECDI - Conductivity, Stainless Steel electrodes

Working temperature max 60° C
Working pressure max 7 bar



EICD - Conductivity Stainless Steel probes

Working temperature max 130° C
Working pressure max 15 bar



ECDIND PT - Inductive Conductivity probes

Measuring range up to 300,00 mS
Working temperature max 85° C
Working pressure max 8 bar
L 151.00 mm Ø 44.70 mm



ECDSIND PT - Inductive Conductivity probes

Measuring range up to 10,00 mS
Working temperature max 85° C
Working pressure max 8 bar
L 105.00 mm Ø 32.70 mm

PROBES ACCESSORIES

NPED



Off-line probe holders.
Working temperature 0°/50° C
Maximum pressure 5 bar

PEF



Off-line probe holders for closed amperometric cells.

PEL



In-line probe holders.

NFIL



Filters.
Maximum temperature 60° C
(30° C NFIL/CA)
Filtration degree 60 µ / 150 µ

PEC



Immersion probe holders.
Optional compressed air or water self cleaning system
(automatic or manual control).

MANIFOLD



With flow sensor as well as housing for the conductivity probe.
Optional motorized valve, two injection points and even additional measurement probes

Maximum pressure 8 bar
Maximum temperature 75° C

BUFFER SOLUTIONS



Buffer solutions for probe calibration.

CUSTOMIZED SOLUTIONS

MIXING AND DOSING STATION / SKID

MIXING AND DOSING STATION

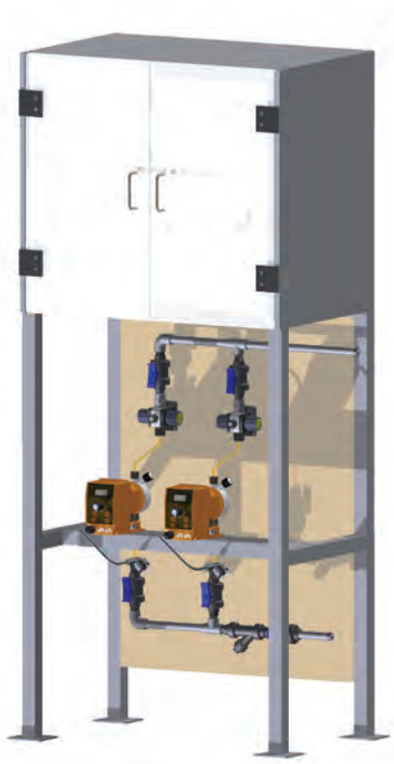


Storage, dosing, all regulation in one single system.
Dosing stations are assembled to include:

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

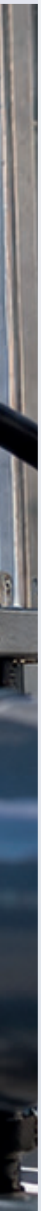
Dosing stations are complete solutions ready to go.

PLANTS ON SKIDS OR IN CUSTOM-MADE CABINS



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



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