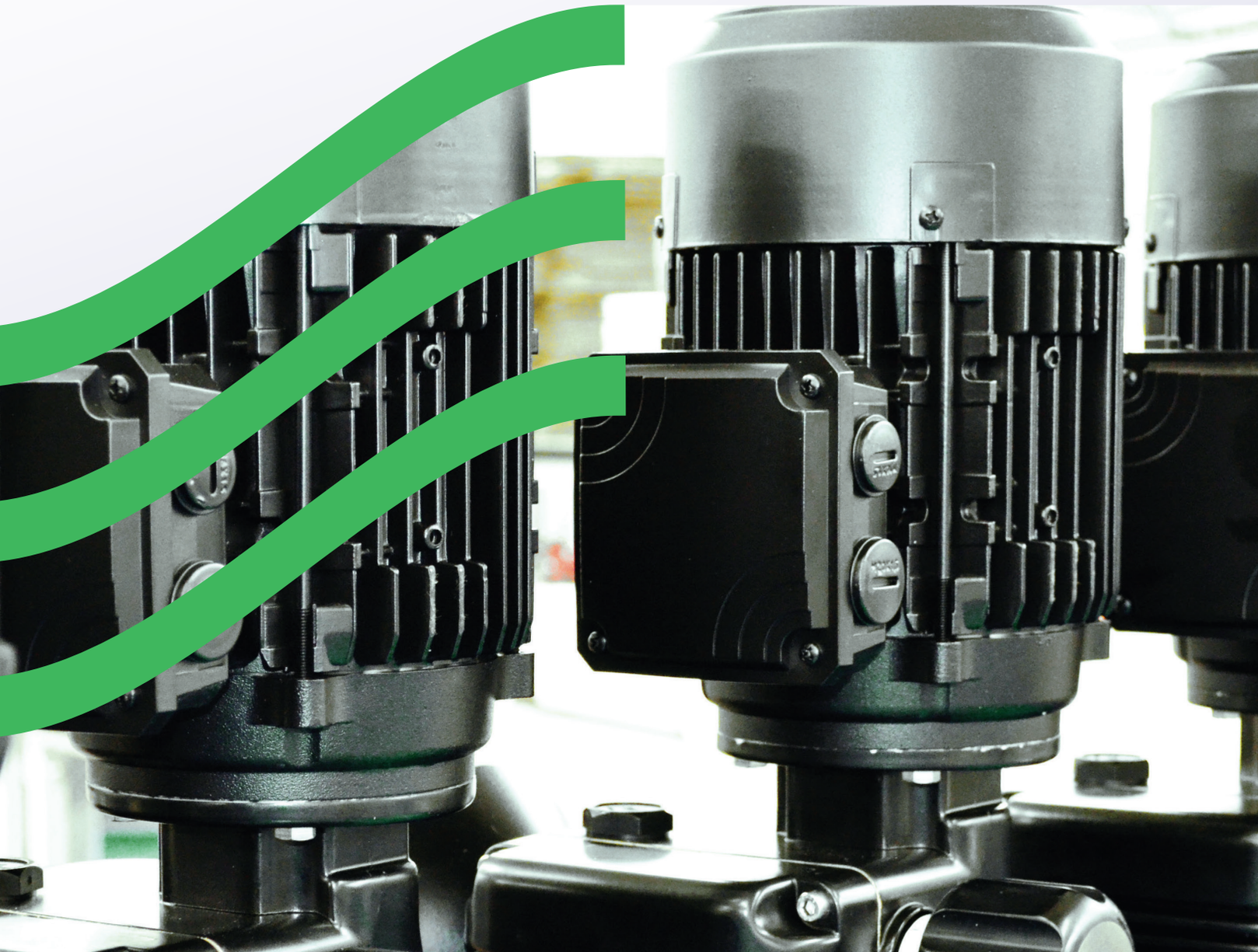
emec®
SIMPLE AS WATER

# MOTOR-DRIVEN

## DOSING PUMPS



emec®

SIMPLE AS WATER

# WATER TREATMENT SYSTEMS

emec

# SIMPLE AS WATER

Water is a vital element. We are connected to it by a covenant of respect and pure gratitude.
For over 40 years we have been working to make the human-water relationship more harmonious, safe and natural, drawing from a single source of inspiration.

***The Semplicity.***

## Flexibility, with three fundamental principles

Since 1982, we have been designing and producing reliable, cutting-edge instruments for water treatment and chemical dosage. In a world that changes so fast, flexibility and innovation are fundamental to us.
As a company, we are open to change, because we are rooted in three fundamental principles: constant research, extreme precision, healthy relationships.

### CONSTANT RESEARCH

Being at the cutting edge means constant study. Our R&D and design departments are where our heart beats.
Extremely high-profile engineers and technicians are committed to developing software and designing hardware, but also to studying and evaluating hydraulic and mechanical components.
Just like water, we have branched out over time, spreading out into wide-ranging areas.

- Industrial water treatment
- Purification plants
- Treatment of water used in industrial processes
- Chemical-physical purification processes
- Bacteriological purification systems
- Sewage irrigation plants
- Chemical industry
- Food processing Industry
- Cooling towers
- Refineries
- Wellness centres
- Swimming pools
- Car washes

### EXTREME PRECISION

Our second fundamental principle is complete control of our production line.
We are entirely responsible for every stage of the process, from invention to delivery. Our products undergo up to 10 quality checks and are tested four times before reaching the customer.
The quality management system of our production process is ***ISO 9001*** certified and has customer satisfaction as its ultimate goal, as well as continuous improvement of company performance.
Customers satisfaction comes hand-in-hand with ensuring safety for them, their operators and final users.
Our dosing pumps and controllers are ***UL*** certified to guarantee full compliance with general requirements for safety of use, while ***NSF*** certifications guarantee that our pumps do not release hazardous pollutants into the water and therefore are fully safe for use in contact with drinking water, for example in the food production industry, or at recreational facilities like swimming pools and spas.

### HEALTHY RELATIONSHIPS

Extremely high performance, top quality and high technology are our greatest assets. But there is more.
Every day, we safeguard something equally important: human capital.
Our co-workers are the best professionals on the market; the most expert and competent people.
For this reason our organizational model is designed to manage their safety and health in an organic and systematic way, respecting the international standard ***ISO 45001.***
At the moment our company numbers nearly 200 employees, 35% of these are women. Statistically, this is a highly respectable percentage in a technical sector like ours. It is a number that is destined to grow.

# The difference between consultant and supplier

Over the years, we have learnt to be good listeners, which is fundamental to an understanding of customers' real needs. This delicate task is handled by our Business Unit, which is entirely made up of technicians.
Their in-depth knowledge of every step of the production process makes it possible for them to offer focussed consulting, both for the choice and the personalisation of products.
We can offer a high level of customisation, which ranges from branding to hardware and software modifications made to standard models.

### A BACK OFFICE THAT IS ALWAYS UP FRONT

It is one of the feathers in our cap: a helpful and competent back office. Every day, their important contribution ensures that every aspect of our supply process is impeccable. This excellent care and attention contributes to the fact that the number of customers who choose to leave us is close to zero.

### QUALITY FROM THE OUTSET TO AFTER-SALES

For us, closing a deal does not mean the end of a relationship. We remain at our customers' disposal to make sure that, over time, our products are working properly. We are ready to respond to any request in real time, even outside office hours.

### COMPETENCE THAT SETS A PRECEDENT

As leaders in our sector, we realise that we have a great responsibility: preparing specialists and customers so that they can use the products we produce in the best possible way.
That is why we created the Emec Training Program: a series of training courses dealing with installation and maintenance in both private and company contexts.
Our training and refresher courses are run at our expense; and that includes participants' logistics costs. So you do not have to pay, but you earn in terms of competence.

# A world of care and attention

Water is the vital element on which our business is based. The least we can do to respect this inestimable resource is treat the environment in the best possible way. It is not just about abiding by laws, it is about respect for our ethics.

### LESS IMPACT, MORE SUSTAINABILITY

We think of sustainability as an endless path: each responsible step we take further reduces our company's environmental footprint.
To this end, we have adopted an Environmental Management System compliant with the international standard **ISO 14001**. This makes it possible to reduce atmospheric and acoustic emissions well below the prescribed limits; to rationalise consumption of water, electricity and gas; and to reduce the production of waste and the contamination of the land.
Sustainability also means giving waste material a second life: we recycle or reclaim 93% of circuit boards, paper and plastic; as well as shreds or chips of iron, aluminium, copper, bronze, brass and wood. In addition, we are equipped with an extractor that separates water from oil during the machine cleaning process, so that it can be reused in the production process.

### MAXIMUM EFFICIENCY. STARTING WITH ENERGY

We have opted for renewable energy sources, state-of-the-art boilers, and intelligent air conditioning. This has made it possible for us to drastically reduce our consumption of gas and electricity. The only energy we do not want to save is the one we put into our work.

### FROM GOOD INTENTIONS TO BEST PRACTICES

Everything we do to improve sustainability is shared with our employees, collaborators and partners through information and training activities. Every update is included in our Integrated System Manual: a tool that we ask everyone to respect in order to ensure that good intentions correspond to the day to day practices at work.

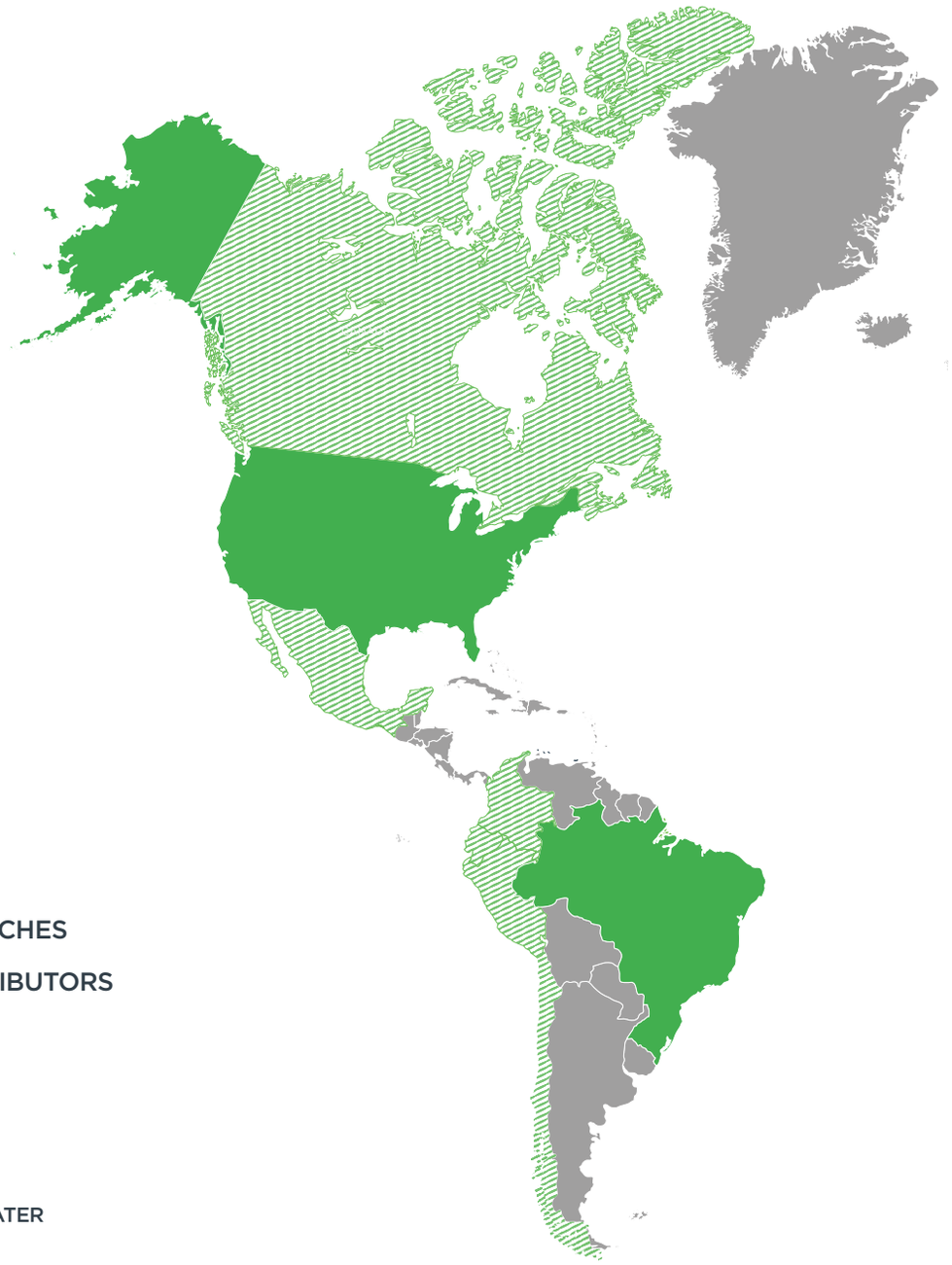
### EXCLUSIVE DISTRIBUTORS FOR EXCLUSIVE QUALITY

Becoming an exclusive Emec dealer in your country is an excellent opportunity for a variety of reasons:

- The excellent value for money of our references;
- Our company is extremely solid with a long-standing management structure;
- Guaranteed, qualified support to manage processes and solve technical and administrative problems;
- An in-house shipping department that can guarantee lead times (from order to shipment) to any country in the world;
- Access to training and refresher courses;
- Assistance is available directly online and can be accessed at any time. through the Reserved Area on **emecpumps.com**;
- Precious support for branding and communication.

# NOTHING IS MORE SIMPLE THAN COMPLEXITY

The numbers speak for themselves. We are an extremely prolific company, with high-level technical know-how.
We manage articulate and complex processes with increasingly sophisticated standards of innovation.



BRANCHES

DISTRIBUTORS

**EMEC**
SIMPLE AS WATER

**40+** years of excellence
**250+** employees
**88** countries
**10** branches
**10+** sectors
**120.000** dosing pumps/year
**15.000** controllers/year
**26.000** probes & sensors/year
**8.000** dosing station/year
**85.000** accessories

MADE IN ITALY

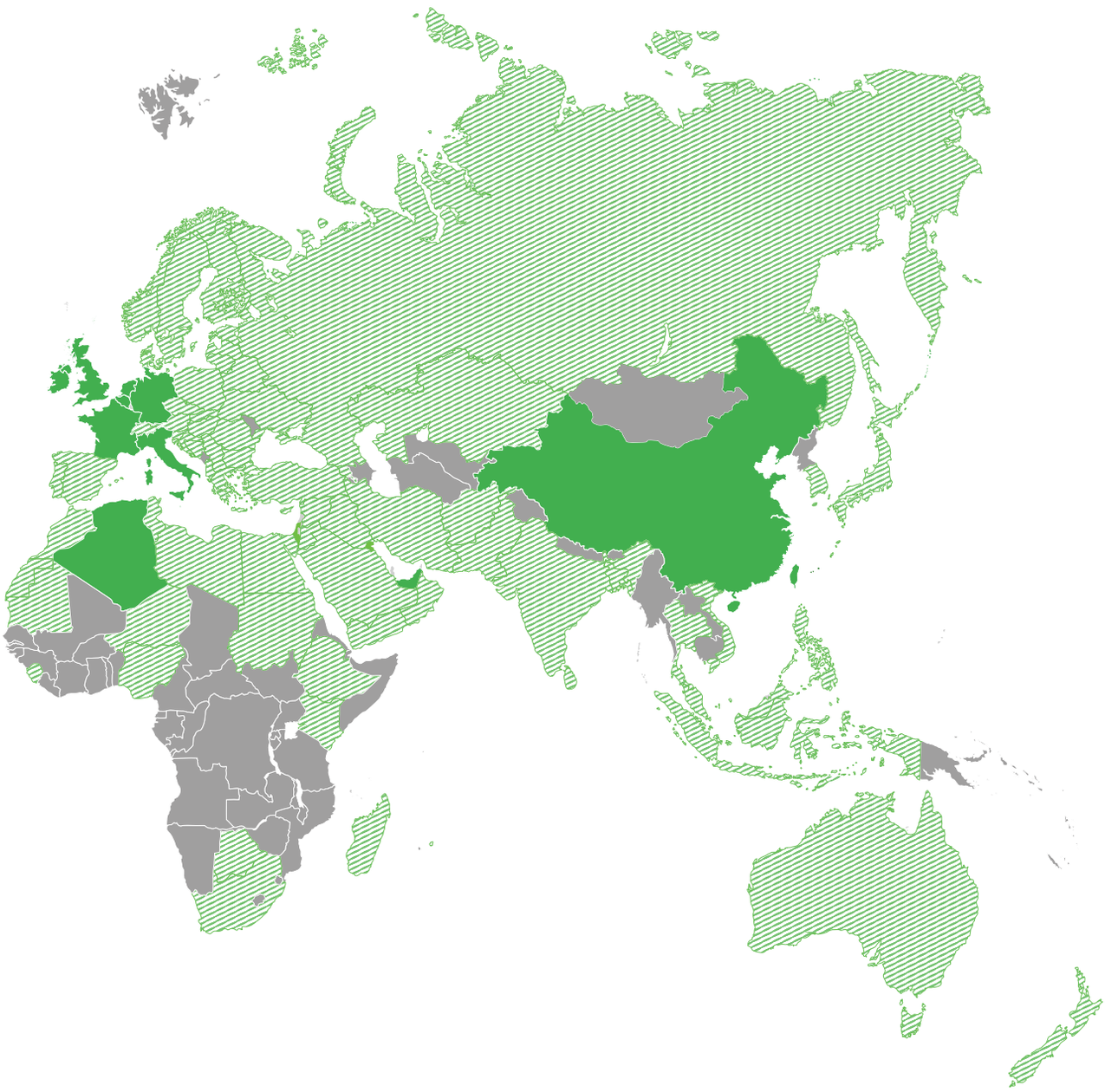
**100% MADE IN ITALY**
All our products are 100% Made in Italy

5 YEARS WARRANTY

**WARRANTY**
5-years warranty for our dosing pumps and controllers.
*Terms and conditions apply*

# Emec Worldwide

And all with the same objective: *to make the lives of companies and professionals increasingly simple.*



## OUR CERTIFICATIONS

IQNET CERTIFIED MANAGEMENT SYSTEM

NSF

c UL us

qualityaustria SYSTEM CERTIFIED
ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

## OUR SOCIAL CHANNELS

# METERING PUMPS

## PRIUS

**Flow rate up to 1000 l/h, working pressure up to 10 bar**

### PRIUS D MF

Multifunction motor driven diaphragm dosing pumps

- PTFE diaphragm
- 230 VAC single phase power supply
- Wide display with clear information and easy navigation system with the click and turn wheel.
- Gear box can be rotated on the field 90 degrees for optimal installation
- Operating modes: Constant - ppm - % - mlq - pause-work - pulse - weekly - mA - Volt and Batch
- Level input
- Stand-by
- MODBUS (optional)
- IP65 Motor (optional)

### PUMP HEADS

PVDF PP AISI 316L PVC

# METERING PUMPS

PRIUS

**Flow rate up to 320 l/h, working pressure up to 10 bar**

## PRIUS P MF

Multifunction motor driven plunger dosing pumps

- Ceramic or SS plunger
- 230 VAC single phase power supply
- Wide display with clear information and easy navigation system with the click and turn wheel.
- Gear box can be rotated on the field 90 degrees for optimal installation
- Operating modes: Constant - ppm - % - mlq - pause-work - pulse - weekly - mA - Volt and Batch
- Level input
- Stand-by
- MODBUS (optional)
- IP65 Motor (optional)

### PUMP HEADS

PP

AISI 316L

### PLUNGERS

CERAMIC (SIALOX96)

AISI 420

# METERING PUMPS

## PRIUS

**Flow rate up to 1000 l/h, working pressure up to 10 bar**

### PRIUS D

Motor driven diaphragm metering pump

- Solid Teflon diaphragm pump heads with built in priming valve
- Stroke length adjustment
- Single and three phase motors.
- 0.18, 0.37 and 0.55 kW motors sizes
- 50 and 60 Hz motors
- Foot valve with filter, injection valve and tubing included in the pumps with capacities up to 240 l/h

### PUMP HEADS

PVDF PP AISI 316L PVC

# METERING PUMPS

## PRIUS

**Flow rate up to 508 l/h, working pressure up to 10 bar**

### PRIUS P

Motor driven plunger metering pump

- Ceramic and SS plungers
- SS and PP pump heads
- Stroke length adjustment
- Single and three phase motors
- 0.18, 0.37 and 0.55 kW motors sizes
- 50 and 60 Hz motors

PUMP HEADS

PP

AISI 316L

PLUNGERS

CERAMIC (SIALOX96)

AISI 420

# METERING PUMPS

## PRIUS

**Flow rate up to 170 l/h, working pressure up to 100 bar**

### PRIUS D HIGH PRESSURE & PRIUS D HIGH PRESSURE ATEX 2D/2G

Motor driven diaphragm metering pump

2D 2G

- SS pump head
- Solid Teflon diaphragm
- Stroke length adjustment
- Single and three phase motors

### PUMP HEADS

AISI 316L

# METERING PUMPS

## PRIUS

**Flow rate up to 240 l/h, working pressure up to 10 bar**

### PRIUS D ATEX & PRIUS P ATEX 2D/2G-3D/3G

Motor driven diaphragm/plunger metering pump

- PTFE diaphragm / Ceramic or SS plunger
- Stroke length adjustment
- Three phase motors
- Aluminium enclosure
- Stainless steel liquid ends (AISI 316)

2D 2G

3D 3G

### PUMP HEADS (PRIUS D ATEX)

PVDF

PP

AISI 316L

### PUMP HEADS & PLUNGERS (PRIUS P ATEX)

PP

AISI 316L

CERAMIC (SIALOX96)

AISI 420

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cód. XXXXXX

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