# PRISMA

5 YEARS WARRANTY

MADE IN ITALY

# PRISMA

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emec®
SIMPLE AS WATER

# PRISMA

emec

## Accuracy at every step.

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PRISMA

**PRISMA** stepper motor-driven dosing pump has been designed by EMEC to be the best solution for offering high-accuracy metering and extreme reliability.

Thanks to the new stepper motor and to the multi-function software, **PRISMA** dosing pumps offer complete control over dosing speeds and working modes as well as great flexibility, meeting even extremely complex application needs.

**PRISMA** also boasts *Level control, Alarms* and *Stand-by,* while available working modes include ***Constant, Constant with external input, ppm, %, mlq, Pause-work, Weekly, mA, Pulse, Volt, external Batch*** and ***manual Batch.***

IQNET CERTIFIED MANAGEMENT SYSTEM

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

## TURNDOWN

**PRISMA** stepper motor-driven pumps give you the most accurate control over the stroke speed, providing an outstanding turndown ratio of up to **4800:1**.
It means **PRISMA** can split up the dosing process into a maximum of **4800 steps** in order to offer the most homogeneous and precise distribution of the product to dose according to the required application.

## POWER SUPPLY

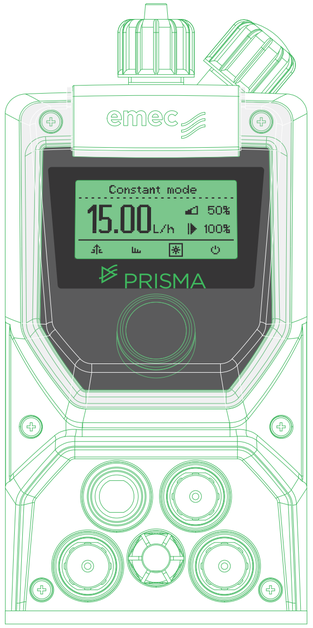
**100 - 240 VAC, 50/60 Hz | 9-36 VDC**

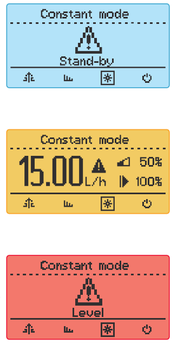
## SLOW MODE

Extreme versatility of **PRISMA** dosing pumps is also due to **Slow Mode** function.
With Slow Mode enabled you can reduce the suction speed from **100** to **1%** of the normal speed, making easier and more reliable the priming and the dosing even when you have to work with particularly viscous liquids.

## INFO COLOR DISPLAY

### REAL-TIME FLOW




STAND-BY
**White**

WARNING
**Yellow**

ALARM
**Red**

**PRISMA** dosing pumps feature the Encoder control knob for quickly browsing through the menus and a large display to easily regulate and control the working parameters.

By changing background colors the backlight display can also signal different working status.

## CAPACITY RANGE

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 l/h | 2 l/h | 5 l/h | 7.5 l/h | 13 l/h | 20 l/h | 28 l/h | 50 l/h | 80 l/h |
| 20 bar | 25 bar | 20 bar | 16 bar | 10 bar | 7 bar | 5 bar | 4 bar | 2 bar |
| 0.3 gph | 0.5 gph | 1.3 gph | 2 gph | 3.4 gph | 5.3 gph | 7.4 gph | 13.2 gph | 21.1 gph |
| 290 psi | 362.6 psi | 290 psi | 232 psi | 145 psi | 101.53 psi | 72.52 psi | 58 psi | 29 psi |