

STEPPER MOTOR DOSING PUMP

PRISMA



emec 
SIMPLE AS WATER

PRISMA

Accuracy at every step.



MODBUS



ONLINE STATS



APP



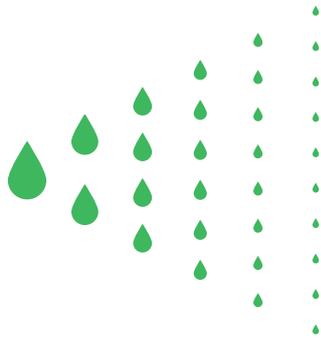
PRISMA stepper motor-driven dosing pump has been designed by EMEC to be the best solution for offering high-accuracy metering and extreme reliability.

Thanks to the new stepper motor and to the MultiFunction 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**.



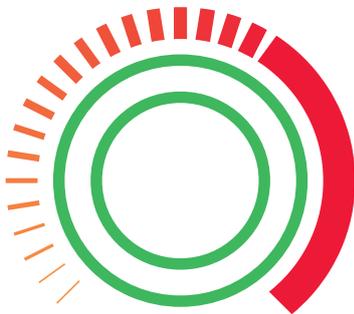
TURNDOWN



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.

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.

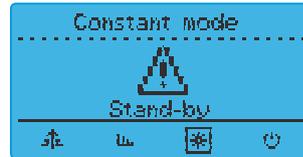
CAPACITY RANGE

PRISMA stepper motor-driven pumps are available with dosing capacity of

| | | | |
|---------|-----------|---------|---------|
| 1 l/h | 2 l/h | 5 l/h | 7.5 l/h |
| 20 bar | 25 bar | 20 bar | 16 bar |
| 0.3 gph | 0.5 gph | 1.3 gph | 2 gph |
| 290 psi | 362.6 psi | 290 psi | 232 psi |

INFO COLOR SCREEN

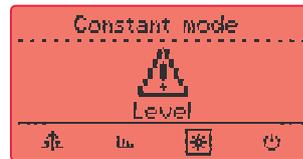
REAL-TIME FLOW



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.

13 l/h
10 bar

20 l/h
7 bar

28 l/h
5 bar

50 l/h
4 bar

80 l/h
2 bar

3.4 gph
145 psi

5.3 gph
101.53 psi

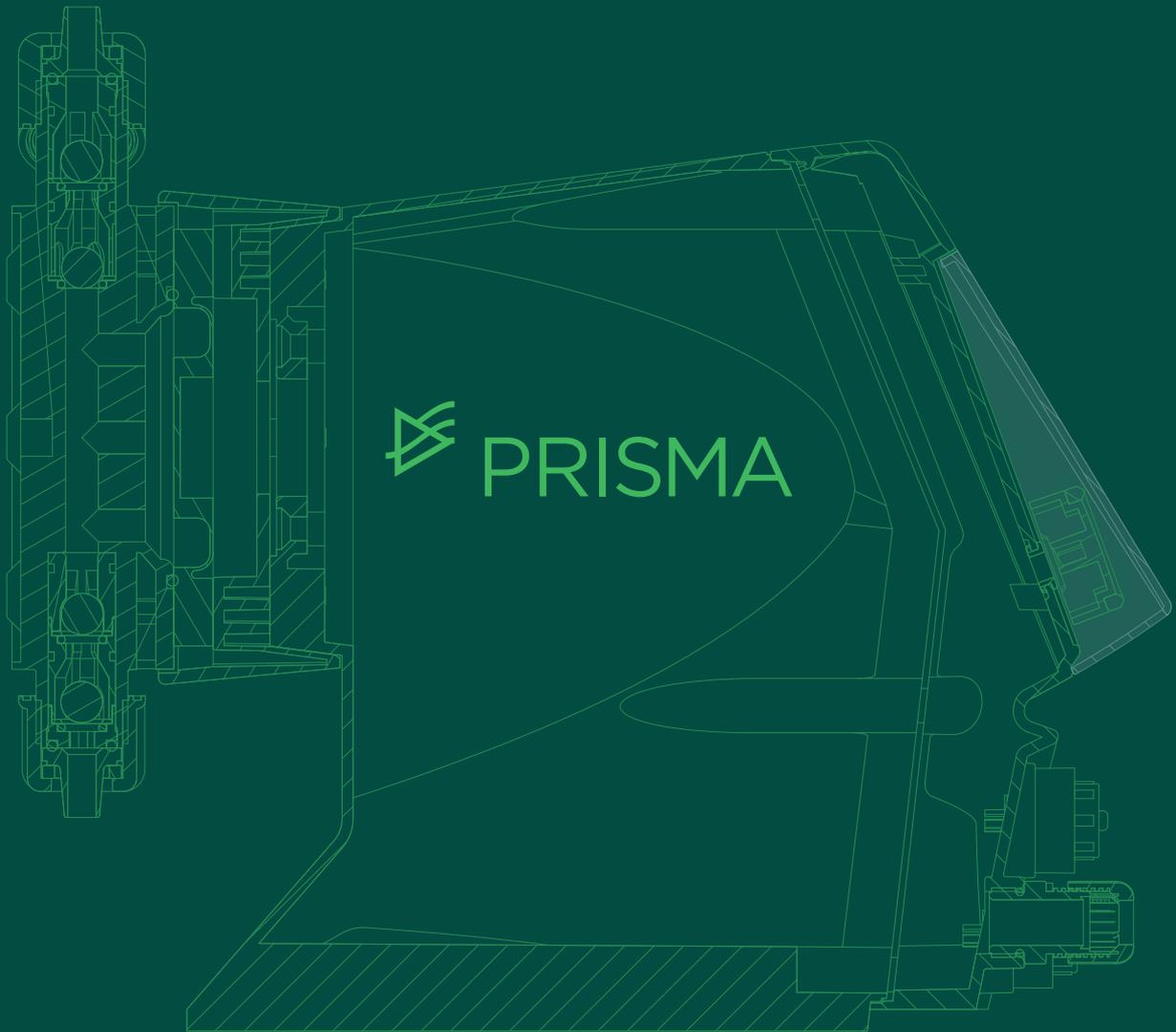
7.4 gph
72.52 psi

13.2 gph
58 psi

21.1 gph
29 psi

DESIGNED BY GIUGIARO





cod. 20200660



EMEC S.r.l. Via Donatori di Sangue, 1 - 02100 Rieti - Italia

T. +39 0746 2284 1 F. +39 0746 2284 2

info@emecpumps.com - www.emecpumps.com