

DESIGNED BY GIUGIARO

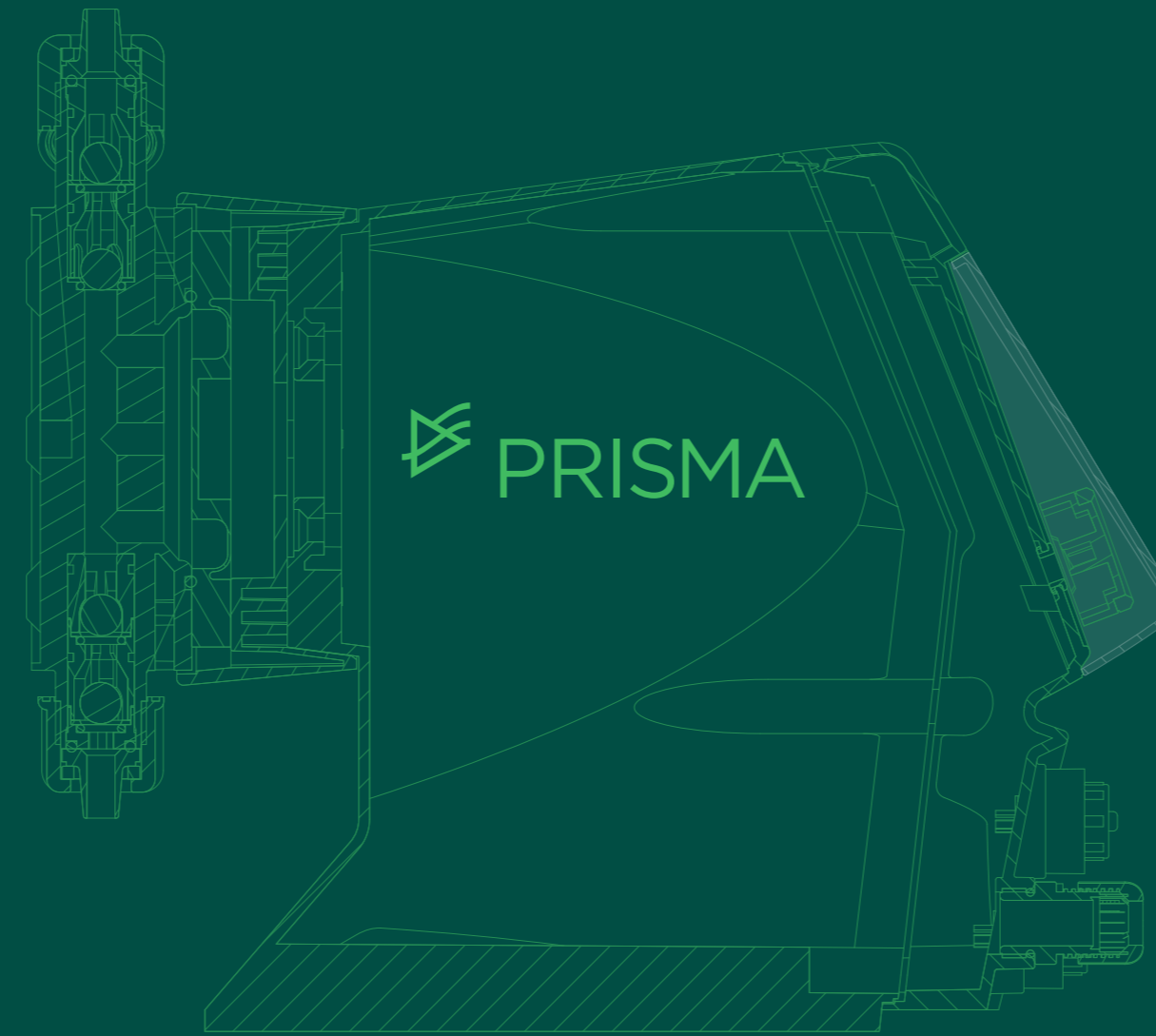


cod. 20200660



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# STEPPER MOTOR DOSING PUMP PRISMA



**emec**  
SIMPLE AS WATER

## 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.

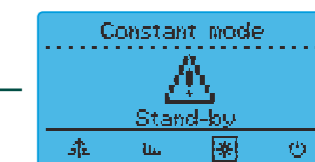
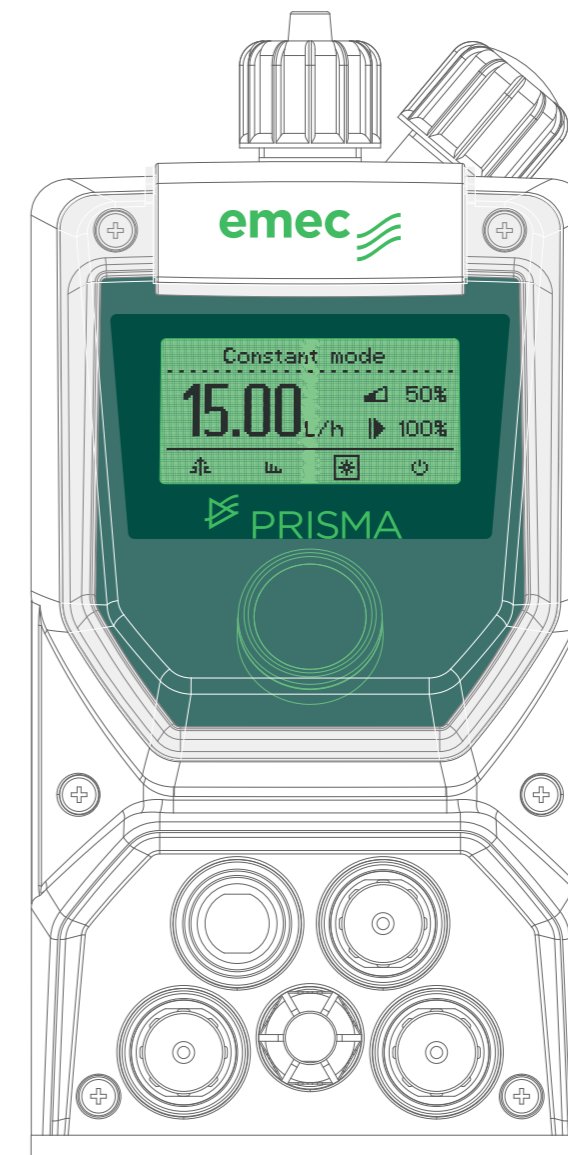
## CAPACITY RANGE

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

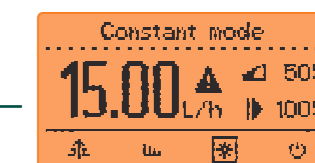
1 l/h 20 bar	2 l/h 25 bar	5 l/h 20 bar	7.5 l/h 16 bar
0.3 gph 290 psi	0.5 gph 362.6 psi	1.3 gph 290 psi	2 gph 232 psi

## INFO COLOR SCREEN

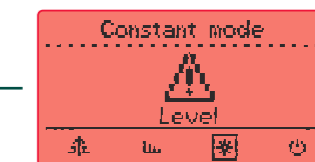
### REAL-TIME FLOW



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