

STEPPER MOTOR DOSING PUMP

# PRISMA



**emec**   
SIMPLE AS WATER

# PRISMA

Accuracy at every step.



MODBUS



ONLINE STATS



APP



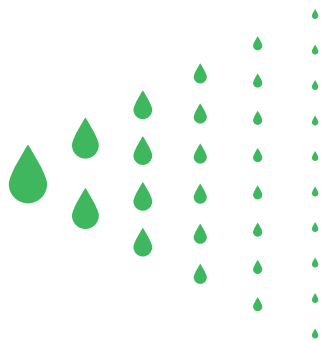
**PRISMA** stepper motor-driven dosing pump has been designed by EMEC to be the best solution for offering high-accuracy metering and extreme reliability.

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.

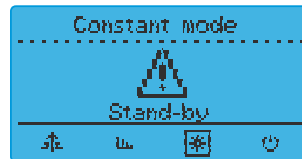
# CAPACITY RANGE

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

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

# INFO COLOR SCREEN

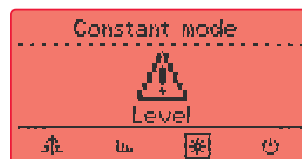
## REAL-TIME FLOW



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





