

Metering Pumps

PRISM

Stepper motor-driven

- Stepper motor
- Multifunction control
- High strength PTFE membrane -5- year warranty
- Foot mounted
- LCD display



STEPPER MOTOR-DRIVEN

- SLOW SUCTION MODE
- TURNDOWN RATIO 1:4800
- EXTERNAL CONSTANT DOSING
- MULTICOLOR DISPLAY
- MULTIFUNCTION

WORKING MODES

- | | | | | |
|----------|------------------------------|------|-----------------|--------|
| CONSTANT | CONSTANT with external input | | | |
| PPM | % | MLQ | PAUSE-WORK | WEEKLY |
| MA | PULSE | VOLT | External/Manual | BATCH |

PUMP HEADS



PVDF

AISI316L

PMMA

SUPPLIED ACCESSORIES



Level Probe
with foot filter



1/2" or 3/4"
Injection valve

Metering Pumps

PRISMA

Flow rate up to 80 L/hr, working pressure up to 20 bar

FEATURES

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 and repeatability, meeting even particularly complex application needs. PRISMA is also equipped with 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.

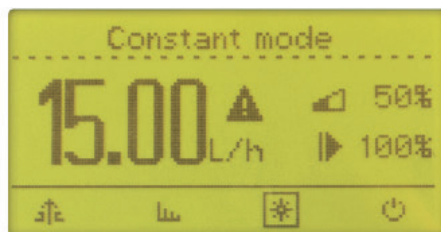
PRISMA dosing pumps feature the Encoder control knob for quickly browsing through the configuration menus and a large display to easily control and regulate the working parameters. By changing background colors PRISMA backlight display is capable of signaling different working status: pump running (green); stand-by (white); warning condition (yellow); alarm condition (red).

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, through its digital multifunction control, 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 to 75, 50 or 25% of the normal speed, making easier, more reliable and extremely accurate the priming and the dosing even when you have to handle particularly viscous liquids.



CAPACITY RANGE

PRESSURE	CAPACITY	PVDF pump head	PVDF injection hose	Suction hose
20 bar	5 l/h	L	4 x 6	4 x 6
10 bar	13 l/h	M	6 x 8	6 x 8
5 bar	28 l/h	N	8 x 10	8 x 10
2 bar	80 l/h	N	8 x 10	8 x 10