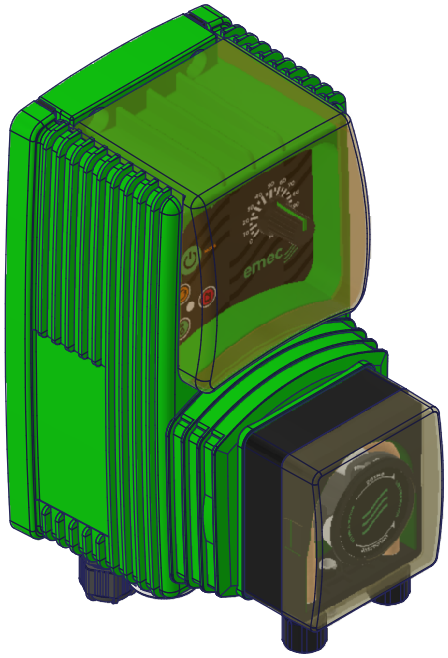
“VELON CL”



VELON CL is the essential model of the range, designed to ensure constant and safe dosing with maximum ease of use. It is the ideal solution for plants and applications where advanced communication features are not required, but continuous, straightforward, and uncomplicated operation is preferred. Its compact and robust construction makes it suitable for a wide variety of standard contexts, guaranteeing reliability even in everyday scenarios.

Navigation

The interface is deliberately minimal, designed for maximum immediacy. The front potentiometer allows for quick and intuitive flow adjustment, while the status LED and ON/OFF button enable the operator to always keep pump operation under control. This operational simplicity makes it ideal even for less experienced users.

Dosing

It operates in constant mode, ensuring a stable and precise flow thanks to the highly reliable stepper motor. This approach makes VELON CL perfect for repetitive processes where dosing stability is the most important feature.

Additional Functions

Among the additional functions are tank level management, which prevents unexpected shutdowns, and an optional alarm output, useful for adding an extra level of safety to the system.

Connectivity and Services

VELON CL does not include digital connectivity systems: it has been designed for contexts where simplicity and immediacy prevail over the need for remote communication.

POTENTIOMETER

Main Features

- ON/OFF button
- Pump Status LED
- Function management via potentiometer
- Inputs: Level
- Outputs: Alarm (optional)
- PC+ABS enclosure
- Operating ambient temperature: 10 to 45°C (55 to 113°F)
- Additive temperature: 0 to 50°C (32 to 122°F)
- Transport and storage temperature: -10 to 50°C (14 to 122°F)
- Installation class II (IEC / EN 61010-1)
- Pollution level 2 (IEC / EN 61010-1 and IEC 60664-1)
- Protection IP 65 (IEC / EN 60529)
- RH% operation: 85% with T<=40°C; 70% with T=50°C (NC)
- Power supply: wide-range 100 to 240VAC, 12VDC, 24VDC

MODE	DESCRIPTION
CONSTANT	The pump doses the chemical in a constant mode

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ISO 9001:2015 No.07728/0
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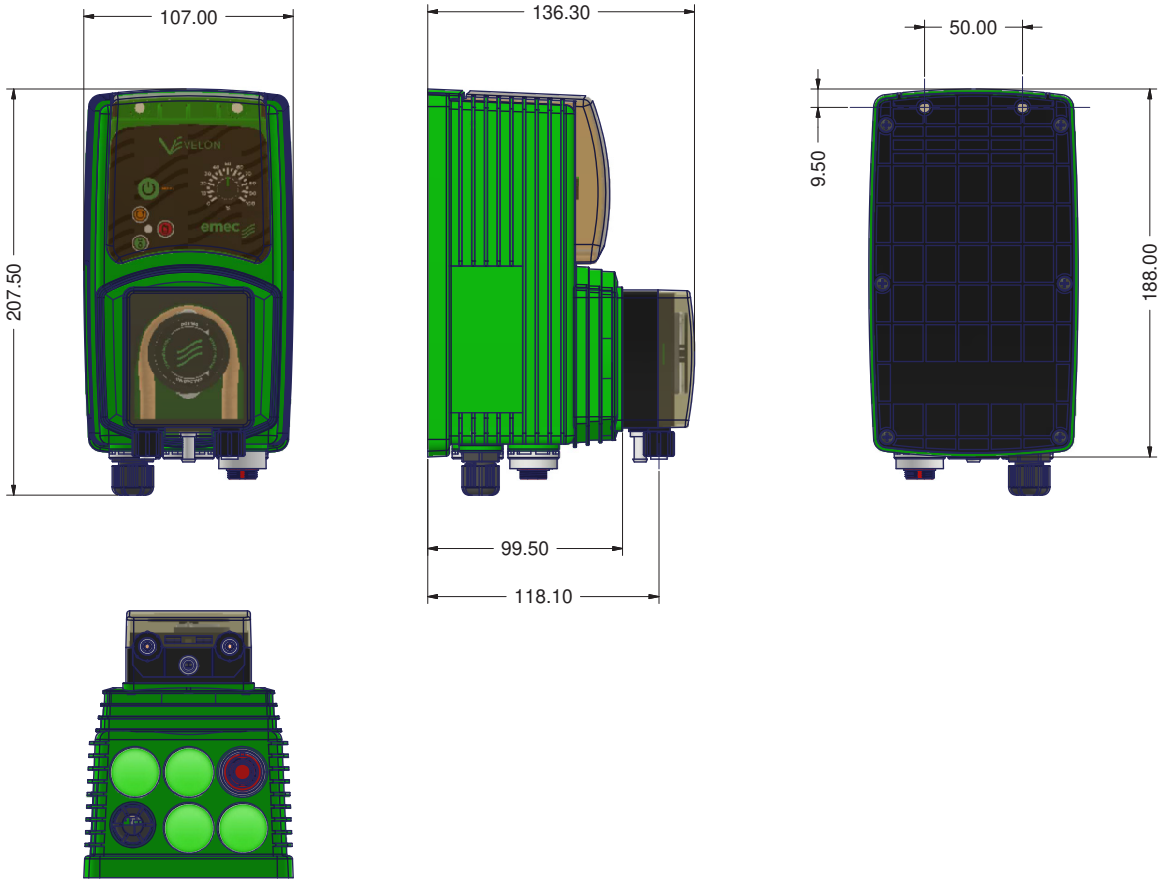
Peristaltic Features

DOSING CAPACITY			
Pressure	**RPM Range**	**Flow Range (Tubo Ø1,6x1,6)**	**Flow Range (Tubo Ø4,8x1,6)**
bar (psi)	rpm	l/h (gal/h)	l/h (gal/h)
2 (29)	1 to 100	0,018 to 1,8 l/h | 0,0047 to 0,47 gal/h	0,12 to 12 l/h | 0,0317 to 3,17 gal/h

INTERFACE	POSITION
ALARM (OPTION)	up / left
POWER SUPPLY INPUT	down / left
LEVEL INPUT	up / right

CONSTRUCTION MATERIALS	
ELEMENT	**MATERIAL**
Pump’s body	PC / ABS
Cover	PC
Dust Cover Bushing	PEEK / PPS
Hose Clamp Hose Connector Hose Vent	PVDF
Peristaltic Roller	POM DELRIN
Peristaltic Hose (Long Lasting)	TPV

Dimensions (mm)



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