CM2W
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THE NEW ULTIMATE IoT SOLUTION FROM CM2W

CMWDS

CMWDS DOSING SYSTEM WITH ELECTRIC PUMP AND VALVES



About

Smart remote real-time dosing systems to control from OPL to Industrial Laundry machines. The system can manage to operate up to 9 chemicals and up to 5 washer extractors. The flow meter technology assures the precise dosing and proof of delivery.

The configuration is applicable for washers with size up to 50 kg. All the processes are controlled and monitored through a cloud based software platform accessible through any device with internet access.

Benefits

- Full visibility and control of the processes.
- 24/7 data of the consumption and costs.
- Remote programming and monitoring.
- Modulation controlled pump for more consistent dosing allowing flexible flow output adjustments per chemical
- Simple maintenance.
- User friendly software. Software installation is not required.
- No need for specially trained staff
- Fast reaction time in case of problems.

CMWDS DOSING SYSTEM WITH ELECTRIC PUMP AND VALVES Technical data sheet

Segment	Features	Technical Details
Size	Dimensions	100/75/25 cm (H/W/D)
	Weight	About 30 kg
General Purpose	Laundry	Up to 250 kg
	Maximum number of products	10
	Maximum number of washers	5
	Dosing lines supported	1
Power supply	Voltage	100-240 V / 50-60Hz
Water supply	Pressure (in dynamic range)	Minimum: 1 bar / Maximum: 2 bars
	Flow rate (with watrer)	4 m3/h (regulator at the inlet is recommended)
	Inlet	3/4 male

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Segment	Features	Technical Details
Panel	Material	PP
	Size	100/75 cm (H/W)
Pumps	Number	1 electric pump
	Flow rate (with water)	Flowrate: 1 l/min at 100% to 0.2 l/min at 20%
	Material	KT
	Diaphragm	PTFE coated
	Valves / O-rings	FFKM / FKM
	Pump head	PP
	Valves	O-rings: FFKM / FKM
	Connections	Fitting connection: 1/8
Water valve	Piloting valve voltage	24V DC
	Body	Brass
	Closure disk	IPDM
Product valves	Number	Maximum 10 electric valves
	Voltage	24V DC
	Body	PP
Flow meter	Measuring principle	Paddle wheel
	Flow range	0,07 - 5 l/min (H2O 20° C)
	Nozzle	D=3.0 mm integrated
	Viscosity	0.4 - 20 mPas
Fittings and tubing	Fittings material	PP
	Fittings diameter	10mm
	Tubes material	FEP
	Tubes diameter	8/10 mm
Calibration	Calibration mode	Distributing valve
	Material	PP
Alarm lamp	Voltage	10-30V DC
Program selector	Display	16 digits LED program selector for each washer
Programming	Reach	Remote via WEB based platform
	Visibility	Through any device with internet access
	Users	Unlimited number of users
	Input signals	10 inputs (galvanically isolated)
Formulas	Number	Unlimited
	Units used	g/kg/liters
Statistics	Consumption	
	Cost of chemicals	
	Events	
	Programs	
	Alerts and Notifications	
Monitoring	24/7, Real time	