CM2W
CONNECT MACHINES TO WEB

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THE NEW ULTIMATE IoT SOLUTION FROM CM2W

GOGO

NEW GENERATION LAUNDRY



About

Smart remote real-time dosing systems, designed to manage the process in a single OPL module. The new optional radio frequency kit allows temperature and level sensors to be added and makes our adaptive dosing solution possible. The system can operate up to 3 chemicals and 1 wash extractor.

The flow meter technology assures the precise dosing and proof of delivery. 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.
- Precise dosing with proof of delivery.
- Simple maintenance.
- User friendly software. Software installation is not required.
- No need for specially trained staff
- Fast reaction time in case of problems.
- Adaptive dosing solution

GOGO NEW GENERATION Technical data sheet

	Features	Technical Details
	Maximum Capacity	Up to 20 kg (single wash extractor)
BASIC TECHNICAL INFORMATION	Dimensions	22/16/25 cm (L/W/H)
	Weight	About 3 kg
	Power supply	75W; Voltage 100- 240VAC 50/60 Hz
	Inputs (galvanically isolated inputs)	3 different ranges – [12 – 48] V, [48-230]V
	Outputs	3 up to 50W
	Connectivity with CM2W platform (24/7)	GPRS (2G,3G,4G) or Wifi (GPRS is recommendable)
	Maximum number of products	Up to 3

GOGO NEW GENERATION Technical data sheet

	Features	Technical Details
BASIC TECHNICAL INFORMATION	Maximum number of flow meters	Up to 4
	External control	Keyboard (OLED, 2 x 16)
	Integrated buzzer	Yes
	External buzzer (alarm with signal lamp)	Optional
	Measurement systems	Metric, Imperial or Imperial US
PUMPS INFORMATION	Pump operation modes	Sequential and parallel mode (pump per chemical)
	Pump type	Up to 3 Knight peristaltic pumps
	Flow rate	300ml (H2O 20°C)
CALIBRATION AND PRIMING	Keyboard calibration	Conducted through an external keyboard, values will be reported to CM2W servers instantly.
	Remote calibration	Conducted through the CM2W platform, values will be reported to the CM2W server instantly. Can be done from a distance
DOSING METHODS	Flow sensor	Dosage is conducted through a flow meter
	Fixed	Dosage conducted by specific time period
	Solid Detergent Dosing	Based on solid detergent spent rate
	Conductive probe mode	Based on measured conductivity
	Inductive probe mode with an integrated temperature sensor	Based on measured conductivity
OPERATION/ Working Mode and PROGRAMMING	Autoformula select mode	Supports combination of three signals or different time durations and both
	Manual system mode	Through the program selector
	Proportional dosing	The required amount of chemical is dosed in proportion to the measured amount of water
	Inputs signal logs	Can monitor inputs and errors remotely
	Copy Wizards	Can copy all settings and calibration settings between devices
	Device setup and programming	Remote and real time programming via the air
	PNF (progressing notification filter)	Notifications are filtered and addressed to specific people to ensure faster reaction time. Levels can be created as well.
Radio Frequency Kit	RF communication chip	Connects the controller to the level probes, pressure referent sensor and temperature sensor. Product code: RFMO or RFMOE / one per device
	RF level probes - 2 or 3 (depending on the pumps/products configuration)	With a suction lance with Ø40 diameter at height 48 cm and output for one product they allow the level monitoring, adaptive calibration and alarming when out of detergent. Eligible for 20 liter canisters. Product code: WLPS1H48F40
	Temperature sensor	Used to measure the temperature in the wash extractor in real time and all the data is displayed with a diagram. Product code: RFTPIREX or RFTPIRNA
	Pressure Referent Sensor	It comes with the temperature sensor and is used to measure the pressure in the facility. Product code: WLSRF