

# FLOW 38 BATCH



## Induction flow meter paired with electronic dosing unit

The unit is connected to control board system of relays that signal to individual actuators in the system.

The robust design of the electronic unit makes it easy to use even with gloves. This allows complete control, including dose volume settings, Star/stop function and subsequent zeroing or continuation of the started dose. It provides intuitive and easy access to the controls of the unit and a clear indicator with all the information for the operator.

The whole set is built on the existing FLOW 38 meter and "press to access" the standard flowmeter menu, including individual counters.

The device is equipped with double relay switches (with 250 V, 10 A sampling) controlled by the FLOW 38 master unit depending on the course of the doses.



## MAIN BENEFITS

- simple dosing system
- industrial design
- potentiometer for dose setting
- current dose on the display
- possibility to reset the dose
- Possibility to stop the dose immediately with later completion
- no PLC or control system needs to be used

Power supply	230 VAC (50/60 Hz)
Power consumption	4.6 VA
Design	Separate (standard cable length 3 m)
Size	DN 4 ÷ 600 (other sizes in agreement with the manufacturer)
Lining material	rubber (hard, soft, with a certificate for drinking water), PTFE, PFA, ETFE, Rilsan
Electrode material	CrNi steel DIN 1.4571, Hastelloy C4, Titanium, Tantalum
Sensor material	Stainless and structural steel with polyurethane coating
Process connection	Sandwich (PN25 only), flanged DIN (EN1092), threaded (EN ISO 228-1), food (screw connection DIN 11851, clamp)
Max. medium temperature	150° C (according to lining and design)
Pressure	PN10, PN16, PN25, PN40
Sampling	6.25 samples per second
LCD display	2x 16 characters
Min. medium conductivity	20 µS (at lower conductivity in agreement with the manufacturer)
Flowmeter accuracy	up to 0.5% accuracy, repeatability up to 0.2%
Outputs	2x control relay output for valve, RS 485
Flow sensor protection	IP65, IP67, IP68
Electronics protection	IP65

Wolf Process Automation Limited  
 Tel: +353 45 831575  
 Email: [info@wpa.ie](mailto:info@wpa.ie)  
 Web: [www.wpa.ie](http://www.wpa.ie)



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