

## CONTROLLERS WITH DOSING PUMPS

## CTRL DUAL



Measuring parameters:  
**pH and RX (ORP), free chlorine**

CTRL DUAL is a compact system, with dual controller PH and RX measurements including two solenoid driven dosing pumps.

- PH measurement can be changed to RX just a simple programming and using RX electrode;

The unit feature two types of programming menu: **Basic** and **Expert**.

CTRL DUAL series features two solenoid driven dosing pumps MXE series, with **adjustable** flow rate and **is suitable for where continuous duty is not required**.

### MAIN CHARACTERISTICS

#### INPUTS

- ✓ pH and RX electrodes; Chlorine sensor
- ✓ Proximity switch (flow sensor probe **upon request**)
- ✓ Temperature probe (probe **upon request**)
- ✓ 2 Level switches inputs for external chemical tanks

#### OUTPUTS CTRL DUAL

- 2 set-point ON-OFF / PWM proportional mode
- 1 Alarm output relay

- Universal power supply 90÷240 Vac (available 12÷24 Vdc);
- 485 communication between measuring unit – transmitter;
- ON-OFF mode; Timed pulses mode (PWM) start/stop mode;
- Hysteresis and Delay adjustable; Max / min Alarm output;
- PH range: 0÷14; Resolution: pH ± 0,01; PH priority;
- REDOX range ± 0÷1000 mV; Resolution ± 1 mV;
- PH priority over RX measurements
- PWM / timed pulses activating point: 1.50 pH / 150 mV;
- Basic / Expert menu programming;
- Temperature measurements;
- 2 Level control of chemical tanks (level switch on request)

#### DISPLAY

Graphic display 128x64

CTRL DUAL visible area 45 x 27 mm

Simultaneous measurements;

Level control, Alarm, Flow sensor, unit operating status.

MXE dosing pumps performances	l/h	bar
▪ ADJUSTBLE flow rate	2,5	5
	5	5

### ACCESSORIES PROVIDED WITH CTRL DUAL

2+2 m - Discharge Hose PE (white)

3,5+3,5 m - Suction/Air Bleed Hose PVC flexible (transparent)

2 - Injection lance with No-return sleeve valve

2 - Foot Valve / Filter