

SOLENOID DRIVEN DOSING PUMPS WITH CONTROLLER [PH-CL-RX]

DOSING PUMPS WITH BUILT-IN PROPORTIONAL CONTROLLER CTRL3

These series include both a dosing pumps and high tech controller which features **three parameters** all in one enclosure: PH or RX (ORP) or Cl₂ (chlorine).

⇒ **pH**: measuring range 0-14,00 pH (resolution 0,01pH)

⇒ **RX**: measuring range: -1000 to +1400 mV (resolution 1mV)

⇒ **Free or Total chlorine***: range: 0-20,00 ppm (resolution 0,1ppm)

***CL** parameter suitable either with membrane-potentiostatic Chlorine sensors or open amperometric chlorine cells (latter upon request)

- Microcontroller technology, back-lit LCD graphic display, digital controls
- Injection frequency adjustment, Stroke length adjustment (only FX)
- 2 Reset modes: - full reset - partial reset keeping calibration settings
- Level control (Level switch upon request) / • Password setting
- ON-OFF and Proportional modes: selection of proportional range value
- Delay adjustment - Delay at powering ON (for electrodes polarization)
- Hysteresis regulation
- Setting for proximity switch to stop operations in case of no water
- 4-20 mA output for chart recorder with calibration of mA output

⇒ **ADVANCED SETTING** offers the following functions:

- Temperature measurement °C or °F
- Suitable for Temperature probe PT100
- Alarm functions and setting with relay output connector

⇒ **ALARM FUNCTIONS**

- Over-dosing alarm time value
- Alarm for set point minimum measured (low) value
- Alarm for set point max measured (high) value



MX series
MXE series



FXS series
FX series

DOSING PUMPS WITH BUILT-IN PROPORTIONAL CONTROLLER CTRL2

These series include is a simple and economic version of above CTRL3 unit which features two parameters all in one enclosure: PH or RX (ORP). **BENEFITS**: reducing stock value against a versatile economic solution.

⇒ **pH**: measuring range 0-14,00 pH (resolution 0,01pH)

⇒ **RX**: measuring range: -1000 to +1400 mV (resolution 1mV)

1mV Microcontroller technology, back-lit LCD graphic display, digital controls

- ON-OFF and Proportional modes • Injection frequency adjustment, Stroke length adjustment (only FX)
- Level control (Level switch upon request)

* **PVDF aggressive chemicals configuration**: PVDF pump head/fittings, double Ceramic ball checks, o-rings in FPM or EPDM (on request **TFE/P**), Injection no-return valve PVDF spring / Foot valve both with Ceramic ball check, **PVDF** hoses

*** **Auto-air bleed pump head**: pump head / fittings PVDF, Ceramic balls, o-rings FPM (or EPDM)

NOTE: using Auto-Bleed or Polymer PMMA configuration, pump pressure performance decreases of about 50%