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<https://injecta.nt-rt.ru> || ntc@nt-rt.ru

Chlorine.Meter

MULTIFUNCTIONAL INDUSTRIAL CHLORINE METER



Main characteristics

- Output relays configurable as set-point, the maximum alarms, low alarms, PWM proportional control over time, PFM proportional pulses regulation, SELF-CLEANING
- Possibility of having low voltage output 24V, piloting of small metering or the solenoid valves without the addition of other processors and with safety voltage
- Galvanic isolation between inputs / microprocessor and current outputs
- Input to turn off relay control and stop the cycle of the colorimeter, FLW eventual input to control the water flow, OK output to signal to the proper functioning
- Views: Alarms and errors (diagnostics), date / time also without power and ability to enable / disable the operation of the colorimeter in predetermined time slots
- Saving program / calibration data in non-volatile memory
- RS232C serial output for dialogue / programming with PC, PLC available on Cannon 0 Pins connector or terminal block on request

Water Treatment



Technical features

- **OUTPUT RELAY AS SET POINTS, MAXIMUM AND MINIMUM ALARMS, PWM** Proportional Regulating of the Time, **PFM** Proportional Pulse Regulation, **SELF-CLEANING**
- **IT IS POSSIBLE TO HAVE LOW VOLTAGE 24V** enabling the Monitoring of Smaller Doses with Solenoid Valves and without the addition of other Transformer, with a Security Power Supply
- **GALVANIC SEPARATION BETWEEN MICROPROCESSOR / INLETS AND CURRENT OUTLETS**
- **OFF INLET** to switch off the Regulation Relay and to Stop the Colorimeter Cycle, Possible **FLW INPUT** to control the water flow in the instrument, **“OK” OUTPUT** Remotely Controls the Correct Instrumentation Function
- Visualization: **ALARMS / ERRORS (Diagnostic), DATE / HOUR** (always present, also without Power Supply), with the possibility to **START/STOP THE COLORIMETER FUNCTION** pre-set hours (i.e. nighttime)
- **PROGRAMMING & CALIBRATION SAVED IN MEMORY**
- **RS232C SERIAL OUTPUT FOR PC, PLC** Connector Available on CANNON 9 Connection or Terminal Block

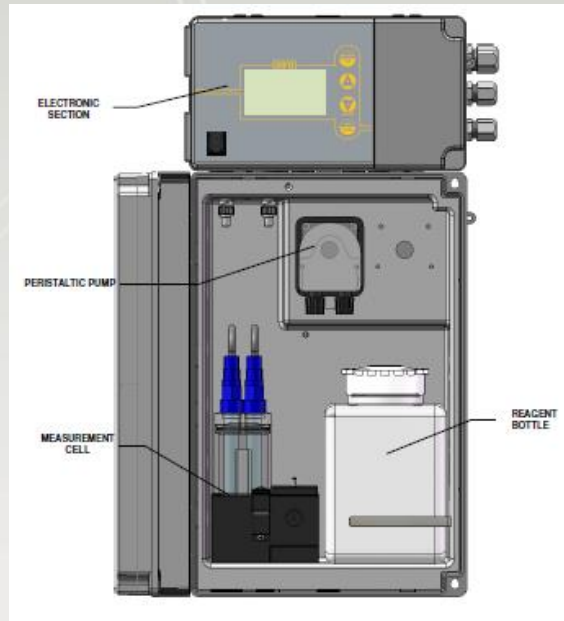
Installation kit



Water Treatment

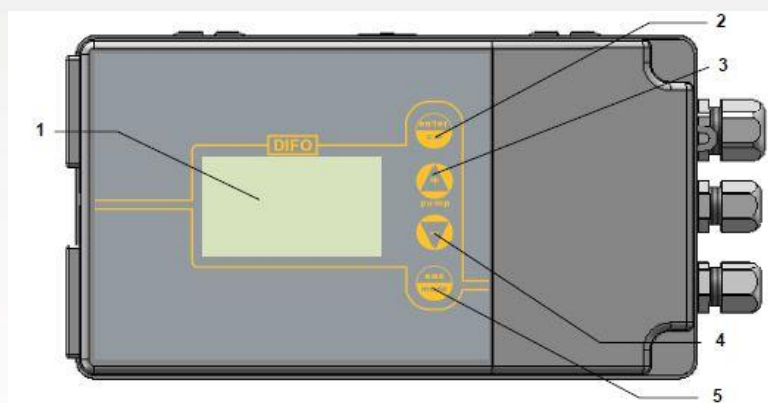


Inside view



Controls, indicators and connections

The following figures illustrate the main modules, controls, indicators, and the most significant parts that make up the unit DIFO



- 1-LCD Display
- 2-Button ENTER / CAL
- 3-Key UP
- 4-Button DOWN / PUMP
- 5- ESC / MODE Button

Figure 1 - Electronic panel

Water Treatment

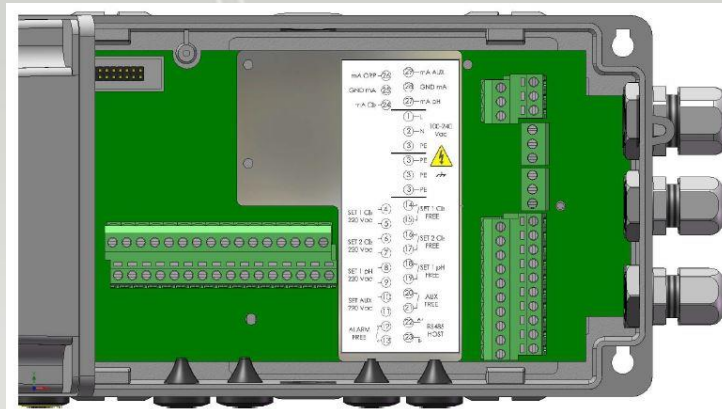
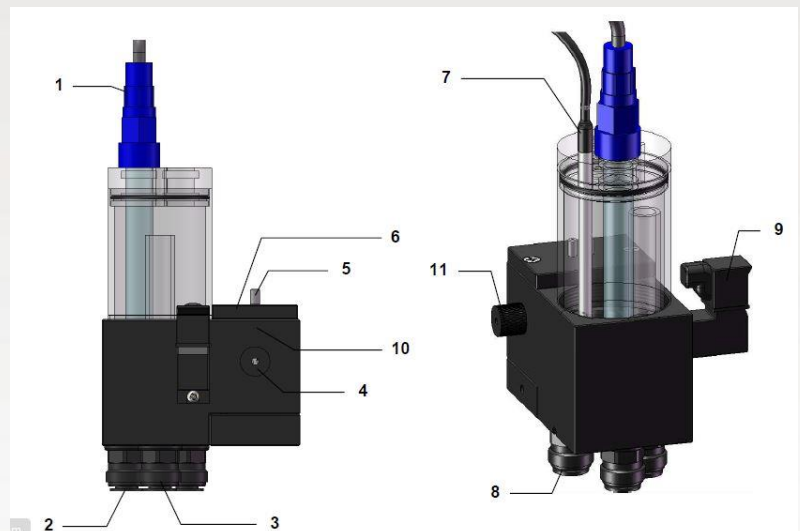
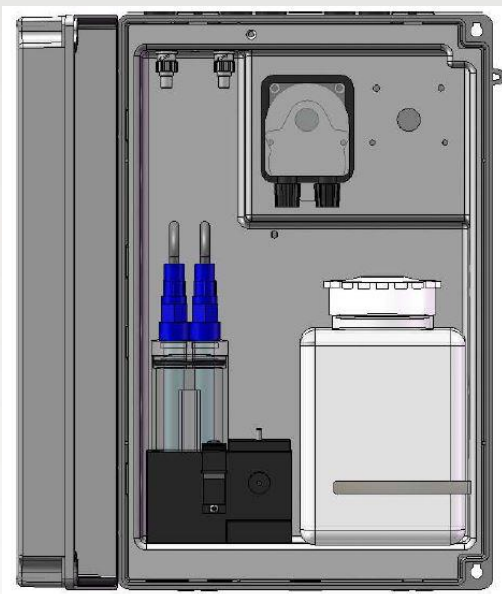


Figure 2- Access to the terminal block

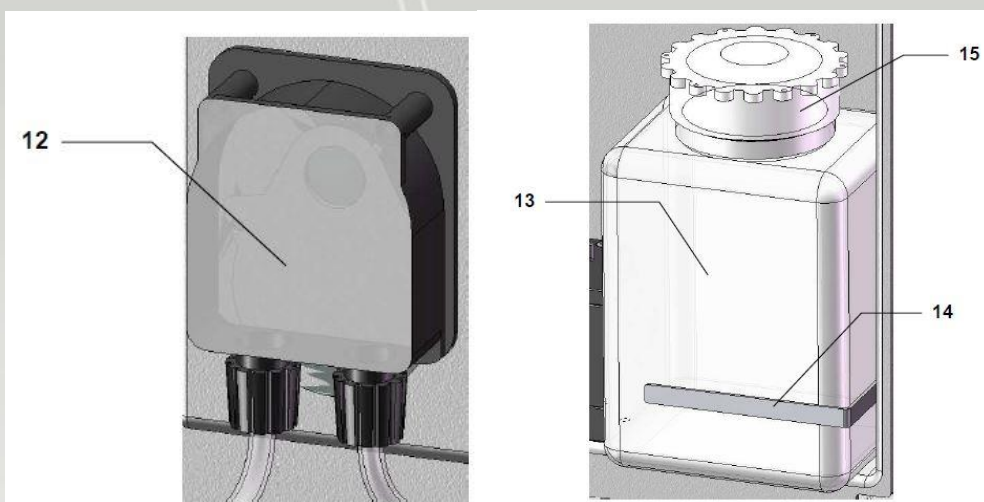
Hydraulic unit



- 1.pH Electrode
2. Input samples to be measured
3. Clean water drain
4. Light sensor Photometric Cella
5. Fittings placing reactive

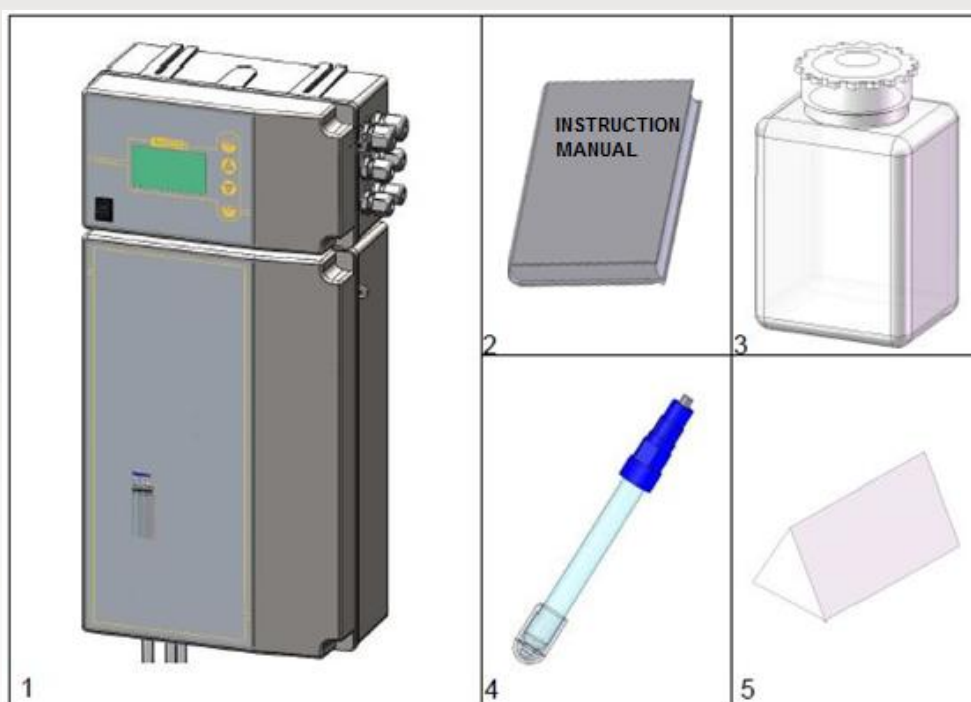
6. Plug Cella
7. temperature and low water probe
8. dirty water drain
9. Wash solenoid Cella
- 10.Led Projector Cell Photometer

Water Treatment



- 12. Peristaltic pump
- 13. DPD Reagent bottle
- 14. AISI 316 DPD Bottle Holder
- 15. Reagent bottle cap

Installation kit



- 1. 1 unit DIFO
- 2. 1 Technical Manual
- 3. 1 bottle of reagent for analysis DPD
- 4. 1 pH electrode
- 5. 1 magnetic anchor

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