

Water Treatment



Chlorine Meter

MULTIFUNCTIONAL INDUSTRIAL CHLORINE METER



Main characteristics

- Output relays configurable as set point, maximum and minimum alarms, PWM proportional control over time, PFM proportional pulses regulation, SELF-CLEANING
- Possibility of having low voltage output 24V, control of small metering or 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
- Program and calibration data saving in non-volatile memory
- RS232C serial output for dialogue / programming with PC, PLC available on a 9-pins Cannon connector or terminal block on request

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Technical features

PHOTOMETRIC SWITCHBOARD FOR THE CONTROL AND MEASUREMENT OF 4 PARAMETERS:
Chlorine, pH, Rx, Temp

PERISTALTIC PUMP FOR DPD DOSING:

Silicone tube 3x7.4mm
Flow rate: 0.07cc/h

DPD REAGENT

Consumption of 1 litre of reagent with a 5 min. measurement interval

PROBE HOLDER

Probe holder and measuring chamber in plexiglass; water inlet and outlet tube 8x12 mm; max. temperature 60°

MANAGEMENT CARD

Illuminated 240 x 128 graphic display.
Power supply: 220-240 Vac 50/60Hz 38w

EXTERNAL BOX

Dimensions: 630 x 420 x 10 mm ;
Material: PP with IP65 Protection degree

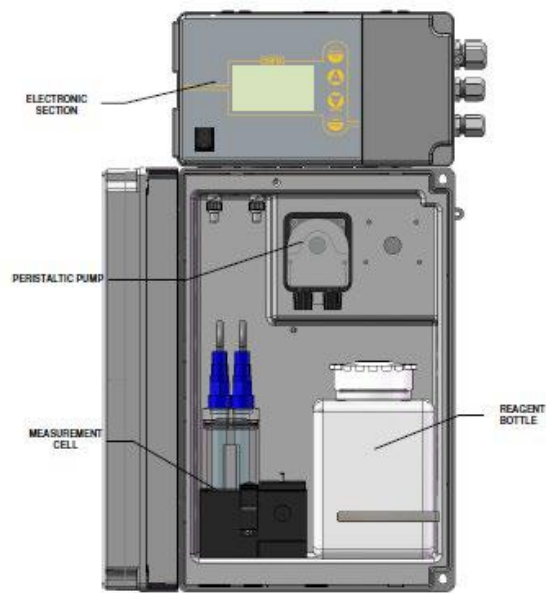
Installation kit



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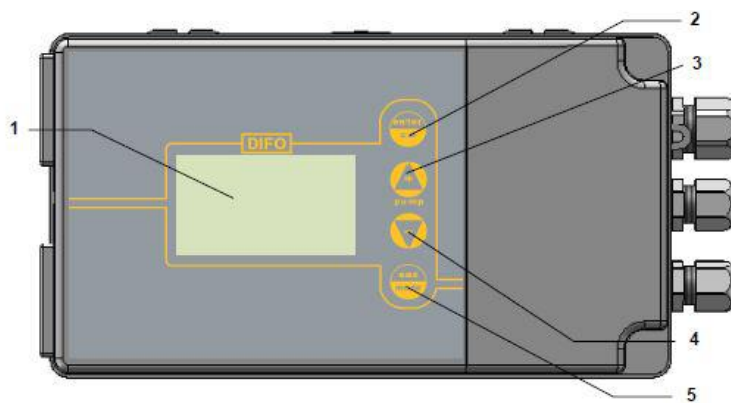


Inside view



Controls, indicators and connections

The following images 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

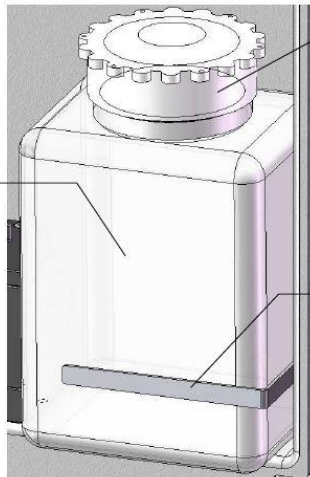
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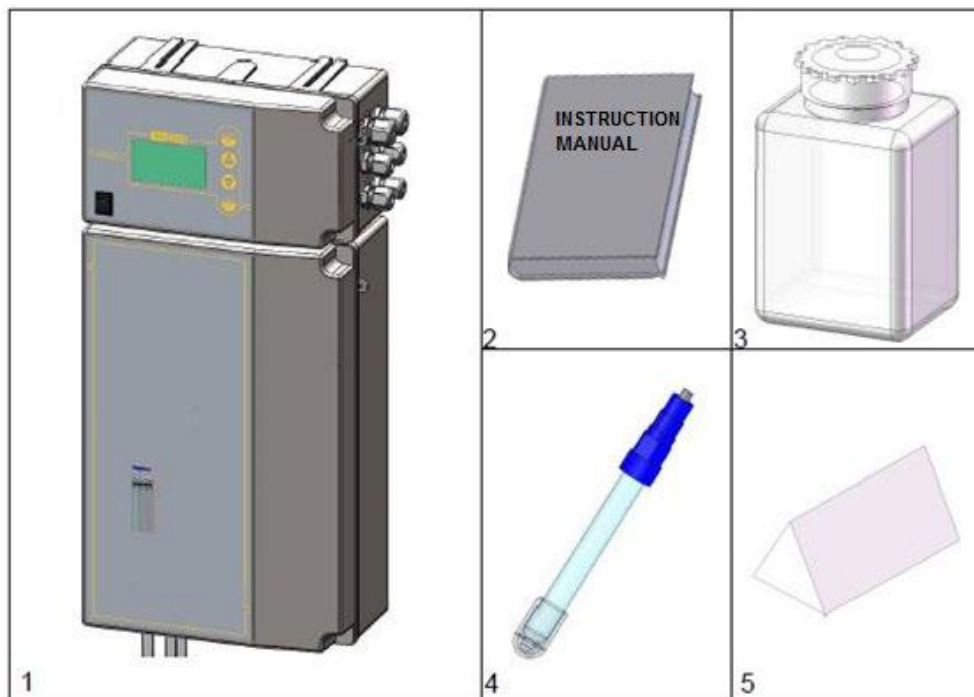


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- 12. Peristaltic pump
- 13. DPD Reagent bottle
- 14. AISI 316 DPD Bottle Holder
- 15. Reagent bottle cap

Installation kit



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