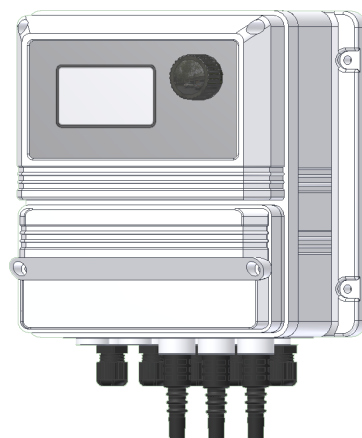


MAIN FEATURES

- Wide LCD backlit display
- Wheel controlled system (Encoder)
- Flow control input
- pH range: 0-14 pH; Chlorine range: 0-10 mg/l Cl_2 ; ORP range: 0-1000mV
- Chlorine amperometric cell: ECL3S/10 or ECL6 or ECL12 (to specify)
- Temperature probe
- pH probe
- ORP probe
- Stand-by input
- Max dosing time alarm
- Programmable delay at dosing startup (max 60 minutes)
- pH priority dosage over Chlorine dosage
- Probe check-up
- pH compensation (with ECL6 or ECL12 only) and auto temperature compensation
- optional GSM internal modem
- Service Menu for real time probe reading
- Internal clock
- Time and units format: Europe IS or USA
- Working modes: on/off, impulsive proportional, proportional PWM
- Automatic or manual dosing activity
- Chlorine/Bromine selection (ECL6 / ECL12 probes only)



Digital controller system for pH and Chlorine with temperature and ORP reading.

On/Off, impulsive proportional, proportional PWM or fixed PWM working modes.

In On/Off working mode, a "STK Speed" function let the pumps operate at pulses per minutes for a set time (1 pulse every x minutes) to provide a reaction time.

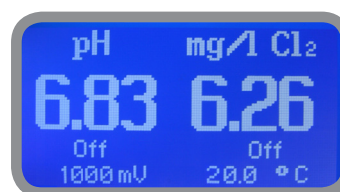
INPUT:

- Stand-by
- Flow
- 2 pH levels
- Chlorine level
- pH probe
- Chlorine probe
- Temperature probe
- ORP probe

OUTPUT:

- 2 proportional impulsive (pH & Cl)
- 2 Proportional on/off (pH & Cl)
- General alarm

Wheel (encoder) controlled.



ELECTRICAL

INPUT SIGNAL

BNC (pH / ORP)

Board connection (Chlorine)

ON/OFF OUTPUT

2 relays; 5A @ 230 VAC

(fuse protected)

ALARM OUTPUT

85-264VAC

POWER SUPPLY

90-265 VAC; 50/60 Hz

PROPORTIONAL OUTPUT

Pulse output signal, open collector

0-180 pulses per minute

STAND-BY

1 contact input

AVERAGE CONSUMPTION

25 W

RS485 OUTPUT

1 RS485 output (optional)

EMEC

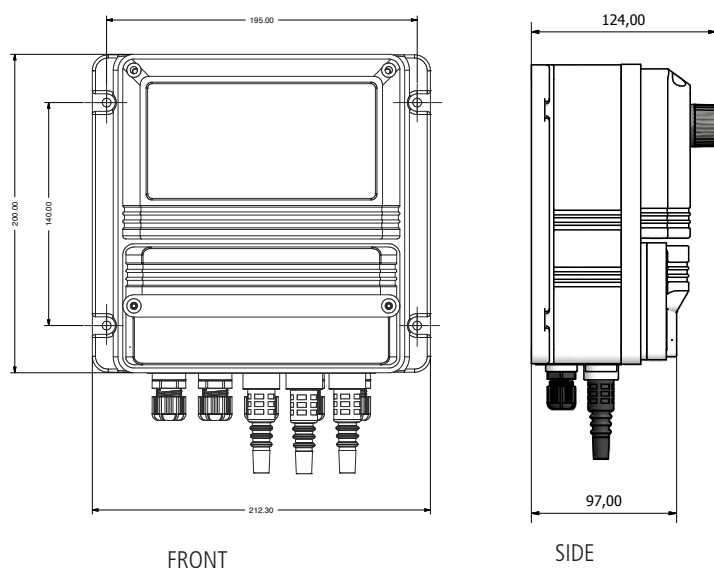
ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



Via Donatori di sangue, 1 - 02100 Vazia (RI) - Italy
Tel. +39 0746 2284 1 - Tel. +39 0746 1725114 - Fax +39 0746 2284 2 - <http://www.emec.it>

Specifications subject to change without notice.
EN R1-02-13

DIMENSIONS



ENCLOSURE

IP65 enclosure (NEMA4x).

LDPRC control instruments are manufactured in ABS housing to ensure protection against aggressive chemicals and tough environment.

ENVIRONMENT

-10°C - 50°C (14°F - 122°F)

0-95% (non condensing) relative humidity

AMPEROMETRIC CELL	
Mod.	Range
ECL 3S/10	0-10.00 mg/l CL2
ECL 6	0-10.00 mg/l CL2
ECL12	0-10.00 mg/l CL2
EBR1/20	0-20.00 mg/l Br
REDOX PROBE	
Mod.	Scala
ERHS	0-1000 mV
ERHM	0-1000 mV
ERHL	0-1000 mV
ERHHL	0-1000 mV
ERHM/D	0-1000 mV
ERHSN6	0-1000 mV
ERHMD/100	0-1000 mV
ERHSC	0-1000 mV
ERHSCSN6	0-1000 mV
PH PROBE	
EPHS	0-14 pH
TEMPERATURE PROBE	
ETEPT	0-100° C