



CL-3000C On-line Free Chlorine Analyzer

The **CL-3000C** is an on-line analyzer built to measure Free Chlorine Levels in the range of 0.01–20 ppm in drinking water, waste water and process applications.

The measuring systems is potentiostatic based and gives an accurate and stable reading with an auto. temperature compensation.

The reading can be sent through the isolated 4-20 mA Output to any control device, computer or data logging system and 3 SPDT relays can give a local Alarm/control dry contact signal or proportional control signals (PFM or PWM).

A 3 way valve provides both the sampled water and the zero sample for Easy calibration.

Simple one-point calibration can be preformed in the field and takes no longer than 2 minutes.

The Analyzer is provided with an IP-65 enclosure with a clear door and 2 lockers. The controller has the option for Key board lock.

An optional **Total chlorine** sensor is available.



Technical Specifications:

PARAMETER	RANGE/UNITS/DESCRIPTION
Input	Potentiostatic electrode, temp. sens.
Units/Range	0.01-20ppm
Resolution	0.01, 0.001, scale dependable
Accuracy	+/- 2% of the reading
Power Supply	110/220 +/- 10 %, 50/60 HZ
Outputs (Control)	2 - SPDT, 5A, dry contact (On/Off, PWM, PFM)
Outputs (Alarm)	1 - SPDT, 5A, dry contact
Analog Output	Isolated 4-20 mA
Display	LCD, 1X16
Enclosure	IP-65, 350X350X180mm
Electrodes	
Measuring	Potentiostatic, epoxy body, 12mm, 2 platinum
Ref.	Double junction, ceramic
Temp. sensor	Pt 100 ohm
Sample cell	
Body	Acrylic
Clearing Mechanism	Self cleaning, acrylic balls
Temp.range	0-50°C
Flow	Adjustable, 1-100 L/H, (Recommended - 10 L/H)
Inlet/Outlet	6mm/6mm
Process	
Pressure	0.5-15 bar
Temp.	0-50°C