



CL17 Analyser for total chlorine

Product #:

5440002

Hazardous

OBSOLETE ITEM

This item is no longer available.



CL17 Chlorine analyser: control you can depend on

Based on advanced colorimetric chemistry the analyser provides a fast, reliable method of determining total residual chlorine.

The analyser includes a one-month supply of reagents, installation and maintenance kits, and an instruction manual. Power cord must be ordered separately.

Colorimetric chemistry - simple, fast, accurate

Fast automatic operation

Complete control - minimal maintenance

Rugged, lightweight enclosure

Specifications

Accessories:	Installation Kit
	Maintenance Kit
Accuracy:	$\pm 5\%$ or ± 0.03 mg/L (ppm) as CL_2 , whichever is greater
Air purge:	0.1 cfm (0.17 m ³ /h) instrument quality air at max. 20 psi (ca.1.4 bar) with ¼" OD tube, quick disconnect fitting
Alarm:	Two alarms selectable for sample concentration alarm, analyser system warning, or analyser system shut-down alarm. Each is equipped with an SPDT relay with contacts rated for 5A resistive load at 230 V AC.
Certifications:	Europe, CE Approved with: EN 61326-1 CISPR 11 EN 61010-1 IEC 60529
Communication capabilities:	4-20 mA output
Cycle Time:	2.5 min
Description:	CL17 Chlorine Analyzer with Reagents for Total Chlorine

Detection limit:	0.03 mg/L (ppm)
Display:	LCD, 3.5 inch digit measurement readout and six-character alphanumeric scrolling text line
Drain:	1/2-inch ID flexible hose, hose barb
Enclosure Construction:	ABS plastic, two clear polycarbonate windows, IP62-rated with the gasketed door latched.
Flow rate:	200 - 500 mL per minute minimum required
Includes:	CL17 Chlorine Analyser with 1 Month Supply of Total Chlorine Reagents, Maintenance kit, Installation Kit, and Manual. (The power cord is ordered separately.)
Inlet:	¼" OD polyethylene tube, quick-disconnect fitting
Inlet pressure:	1 to 5 psi (0.07 - 0.34 bar), 1.5 psi (0.103 bar) is optimum
Interferences:	Other oxidizing agents such as bromide, chlorine dioxide, permanganate and ozone will cause a positive interference. Hexavalent chromium will cause a positive interference: 1 mg/L Cr ⁶⁺ = approximately 0.02 mg/L as Cl ₂ . Hardness must not exceed 1,000 mg/L CaCO ₃ .
Light source:	Class 1 LED (light emitting diode) with a peak wavelength of 520 nm; 50,000 hours estimated minimum life
Measuring range:	0 - 5 mg/L Cl ₂
Mounting:	Wall mount
Operating humidity:	Up to 90 % at 40 °C (104 °F) maximum
Operating temperature range:	5 - 40 °C
Parameter:	Chlorine, Free & Total
Power requirements (Amps):	2.5 A
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100 - 115/230 V AC
Pressure range:	Inlet Pressure to Sample Conditioning: 1.5 - 75 psi (0.1 - 5.2 bar)
Pressure Regulator Included?:	No
Recorder outputs:	One 0/4-20 mA with an output span programmable over any portion of the 0 to 5 mg/L range. Recommended load impedance 3.6 to 500 ohms, 130 V isolation from earth ground.
Repeatability:	0.01 ppm or 3.0 % , whichever is greater
Sample temperature:	5 - 40 °C (41 - 104 °F)
Warranty:	24 months
Weight:	11.3 kg
What's included?:	CL17 Chlorine Analyser with 1 Month Supply of Total Chlorine Reagents, Maintenance kit, Installation Kit, and Manual. (The power cord is ordered separately.)

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