



CL17 Analyser

Product #:

5440001

Hazardous

OBSOLETE ITEM

This item is no longer available.



Hach has transitioned the CL17 to the newly upgraded CL17sc, which delivers improved usability and performance. Hach will continue to support the legacy CL17 with service and parts.

Based on advanced colorimetric chemistry the analyser provides a fast, reliable method of determining free 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 as CL_2 , whichever is greater
Air purge:	0.1 cfm (0.17 m ³ /h) instrument quality air at max. 20 psig (ca. 1.4 bar) with 1/4-inch OD tube, quick disconnect fitting
Alarm:	Two alarms selectable for sample concentration alarm, analyzer system warning, or analyzer 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 Free Chlorine
Detection limit:	0.03 mg/L (ppm)
Dimensions (H x W x D):	454 mm x 314 mm x 179 mm
Display:	LCD, 3-1/2 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.
Enclosure waterproof rating:	IP62
Flow rate:	200 - 500 mL per minute minimum
Includes:	CL17 Chlorine Analyser with 1 Month Supply of Free 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 - 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 as 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 max.
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 mg/L or 3.0 % , whichever is greater
Sample temperature:	5 - 40 °C (41 - 104 °F)
Warranty:	24 months
Weight:	10.49 kg
What's included?:	CL17 Chlorine Analyser with 1 Month Supply of Free Chlorine Reagents, Maintenance kit, Installation Kit, and Manual. (The power cord is ordered separately.)

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