



## 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**

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## Specifications

Accessories:	Installation Kit
	Maintenance Kit
Accuracy:	$\pm 5\%$ or $\pm 0.03$ mg/L as $\text{CL}_2$ , whichever is greater
Air purge:	0.1 cfm (0.17 m <sup>3</sup> /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 $\text{Cr}^{6+}$ = approximately 0.02 mg/L as $\text{Cl}_2$ .  Hardness must not exceed 1,000 mg/L as $\text{CaCO}_3$ .
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 $\text{Cl}_2$
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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