



CL17sc Colorimetric Chlorine Analyser with Pressure Regulator Installation Kit, w/o Reagents

Product #: 8572400
ZAR Price: Contact Hach
Ships within 3-5 weeks

The Next Standard in Chlorine Analysis

The CL17sc online chlorine analyzer extends Hach's decades-long legacy as the leader in online chlorine analysis. It uses EPA-approved colorimetric DPD analysis to deliver accurate and reliable measurements of free or total residual chlorine. Whether you use online chlorine measurements to optimize your process or report to regulatory agencies, the CL17sc is the analyzer you can trust.

Connection to Hach's SC controller platform gives you more flexibility to transfer, store, and interact with your chlorine measurement data, resulting in better understanding and control of your process, more cost-effective decision-making, and greater peace of mind that your data is always there no matter what happens.

A built-in flow meter, three-color status light, LED measurement cycle lights, and colorimeter window allow you to quickly and efficiently see that your CL17sc is functioning properly.

The CL17sc can also be used with Hach's Claros Water Intelligence System. With the innovative Claros Mobile Sensor Management, you can view measurements and instrument status anytime, anywhere, on any web-enabled device. Alerts for upcoming maintenance and issues requiring immediate attention are all in the palm of your hand. Detailed, step-by-step illustrated instructions for routine maintenance tasks also allow you to feel confident that you have performed routine maintenance correctly.

- Accurate, reliable online measurement of free or total residual chlorine
- Compliant with US EPA 40 CFR 141.74
- On-screen, guided workflows for routine maintenance tasks
- Comprehensive diagnostic features, including built-in flow meter, multi-color status light, and colorimeter window
- Available Claros Mobile Sensor Management for measurement data and instrument status anytime, anywhere

Maintenance made easy

The CL17sc reduces your routine maintenance touch time with programmable alerts, simplified tubing replacement, and step-by-step maintenance instructions.

Peace of mind through comprehensive diagnostics

With upgraded features like a flow meter, colorimeter window, multi-colour status light, and predictive diagnostic software, you know your instrument is operating as intended.

Expanded connectivity. Increased flexibility.

By pairing the CL17sc with Hach’s SC controller platform, your options increase significantly: internal data logging; external analogue and digital communication alternatives; and multi-parameter instrument flexibility.

The CL17sc is compliant with US EPA regulation 40 CFR 141.74. Both Method 4500-CL G and Method 334.0 can be used for measuring residual chlorine in drinking water.

Specifications

Accuracy:	± 5% or ± 0.04 mg/L (whichever is greater) from 0 - 5 mg/L Cl ₂ ± 10% from 5 - 10 mg/L Cl ₂
Air purge:	Optional with 3/8-inch quick-connect fitting and tubing; 0.003 m ³ /min at 1.38 bar maximum
Alerts:	Low and high chlorine. Dirty cell. Low and high sample flow.
Certifications:	CE compliant with: EN 61326-1, CISPR 11, EN 50581 ACMA RCM South Korea KC Certificate North America: FCC Supplier’s Declaration of Conformance, IEC/EN 60529, ICES-003
Controller Compatibility:	SC200, SC1000, SC4500. All controllers sold separately
Cycle Time:	2.5 minutes
Dimensions (H x W x D):	342 mm x 329 mm x 177 mm
Drain:	½-inch ID flexible hose
Enclosure rating:	IP66
Inlet:	¼-inch OD polyethylene tube, quick-disconnect fitting
Inlet Pressure:	0.3 - 5.2 bar supplied to Y-strainer 0.1 - 0.3 bar supplied to analyser
Installation Kit:	Pressure Regulator Installation Kit
Interferences:	Other oxidizing agents such as bromide, chlorine dioxide, permanganate, and ozone will cause a positive interference. Hardness must not exceed 1,000 mg/L CaCO ₃ .
Light source:	LED, measurement at 510 nm, 1 cm light pathlength
Lower Limit of Detection (LOD):	0.03 mg/L
Mounting:	Wall mount
Operating Humidity:	0 - 90% relative humidity, non-condensing
Operating temperature range:	5 - 40 °C
Parameter:	Chlorine, free; Chlorine, total residual
Power requirements (Voltage):	12 VDC, 400 mA maximum (supplied by the controller)
Range:	0 -10 mg/L Cl ₂
Reagent Consumption:	0.5 L of buffer solution and 0.5 L of indicator solution in 31 days
Sample Flow Rate:	60 - 200 mL/min through the instrument
Sample requirements:	Y-strainer filtration with 40-mesh screen or higher
Sample Temperature:	5 - 40 °C
Warranty:	12 months
Weight:	4.1 kg
What's included?:	CL17sc Chlorine Analyser with Pressure Regulator Installation Kit, and User Manual. User provides screws and/or anchors for mounting.

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CL17sc Chlorine Analyser with Pressure Regulator Installation Kit, and User Manual. User provides screws and/or anchors for mounting. Hach SC Controller and Reagents are not included, they are sold separately.

Required Accessories

- SC1000 Probe Module, 4 Sensor Connectors, 4 mA Output, 4 mA/digital Input, Modbus 485, 4 Relays, 100-240 VAC with Conduits (Item LXV400.99.1B572)
- SC1500 Controller, 6 Sensor Connectors, 8Ma Out, 110V/Cond Ext MOD (Item LXV446.99.103N1)
- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 100-240 VAC, US plug (Item LXV525.99E11551)
- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 100-240 VAC, without power cord (Item LXV525.99A11551)
- SC4500 Controller, Prognosys, 5x mA Output, 1 digital Sensor, 100-240 VAC, without power cord (Item LXV525.99A11501)
- SC4500 Controller, Prognosys, 5x mA Output, 2 digital Sensors, 24 VDC, without plug (Item LXV525.99Z11551)