



Be Right™



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

Product #:

8572400

Web Price:

Rs.377,573.00

Available

Smarter Chlorine Analysis Made Simple

The CL17sc online chlorine analyzer, paired with the SC4500 controller, streamlines chlorine monitoring and data management for water quality — providing accurate results while reducing routine maintenance. Using the EPA-approved colorimetric DPD method, the CL17sc provides reliable measurements of free or total residual chlorine. Whether you're optimizing your process or meeting regulatory requirements, the CL17sc provides the trusted performance you need to ensure safe drinking water.

Integrated with Hach's SC controller platform, the CL17sc centralizes monitoring across multiple sensors and simplifies data transfer and storage to SCADA, PLC, or the cloud. This connectivity empowers you to interact with the analyzer easily and make more informed, cost-effective decisions, while keeping your data secure and accessible when you need it most.

With user-friendly features like a built-in flow meter, three-color status light, measurement cycle LED indicators, and a colorimeter window, the CL17sc makes it easy to confirm proper operation at a glance.

Benefit include the following:

- Accurate online measurement of free or total residual chlorine
- Compliance with US EPA 40 CFR 141.74
- Step-by-step guided on-screen workflows for routine maintenance
- Built-in flow meter, status light, measurement cycle indicator, and colorimeter window for easy diagnostics
- Seamless integration with Hach's SC controller platform
- Advanced connectivity options for SCADA, PLC, and cloud systems
- Reliable performance for drinking water application

Please note: A Hach SC controller is required to operate the analyzer, controller must be purchased separately.

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:	$\pm 5\%$ or $\pm 0.04 \text{ mg/L}$ (whichever is greater) from 0 - 5 mg/L Cl_2
	$\pm 10\%$ 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 Cl_2
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:	0.03 - 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.

Hach SC Controller and Reagents are not included, they are sold separately.

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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, 8x mA Out, 110V/Cond Ext MOD (Item LXV446.99.103N1)
- 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)