



Ultra Low Range CL17sc Colorimetric Chlorine Analyser with Pressure Regulator Installation Kit

Product #: 9790300
ZAR Price: Contact Hach
No availability shown

Total chlorine confidence. From the global leader in chlorine analysis.

Meet your unique water cycle needs with the new Ultra Low Range CL17sc online total chlorine analyzer from Hach. Whether treating utility water, product water, or wastewater discharge, you'll have the direct chlorine measurements you need to optimize your process. You'll be able to protect valuable assets and report to regulatory agencies with confidence.

Monitor and Optimize your Dechlorination process

Chlorine breakthroughs can adversely affect your process, product, or equipment. You'll be able to mitigate issues and optimize your process with the Hach Ultra Low Range CL17sc analyzer, which has the lowest limit of detection at less than 8 ppb. It's time to accurately measure your total residual chlorine and take control of your dechlorination process.

Depend on direct measurements

Online residual chlorine measurement options for ultra-low range have been either inadequate or inefficient – until now. The Ultra Low Range CL17sc gives you direct total chlorine results, eliminating the need for ORP or amperometric measurement. The Ultra Low Range CL17sc uses colorimetric DPD Standard Method 4500-Cl G and consistently maintains accuracy without loss of sensitivity in your new target range.

Protect your assets

Understand the true impact of chlorine exposure. The Ultra Low Range CL17sc allows for process control across your water cycle, including visibility into GAC exhaustion or channeling and dechlorinating agent dosage. It is the only instrument with a cumulative chlorine counter, which helps you forecast your RO membrane efficiency and its useful life.

Connect with Claros

When the new Ultra Low Range CL17sc analyzer is connected to Claros, Hach's Water Intelligence system, it provides real-time visibility into your processes so you can optimize and automate your chlorination/dechlorination. You'll have peace of mind and more time to focus on high-value tasks.

Specifications

Accuracy:	± 5% or ± 0.01 mg/L (whichever is greater) from 0 - 4 mg/L; ± 10% from 4 - 5 mg/L
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 oxidising 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):	0.008 mg/L Cl ₂ at 25 °C
Mounting:	Wall mount
Operating Humidity:	0 - 90% relative humidity, non-condensing
Operating temperature range:	5 - 40 °C
Parameter:	Chlorine, total residual
Power requirements (Voltage):	12 VDC, 400 mA maximum (supplied by the controller)
Range:	0.008 - 5 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?:	ULR CL17sc Chlorine Analyser, Pressure Regulator Installation Kit, and User Manual. User provides screws and/or anchors for mounting.

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Required Accessories

- 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)