

# CL17 vs. Ultra Low Range CL17sc

Total Chlorine Confidence. From the Global Leader in Chlorine Analysis.

CL17



VS



NEW!

Ultra Low Range  
CL17sc

Features	CL17	CL17sc	Ultra Low Range CL17sc
<b>Accuracy at Lower Range</b> With accuracy in the parts-per-billion measurement range, you can take control of your dechlorination process, protect your assets from chlorine damage, and meet strict residual chlorine limits.			✓
<b>Cumulative Chlorine Counter</b> Understand the true impact of chlorine exposure on downstream assets over time by tracking chlorine exposure in ppm-hours.			✓
<b>Parts per Billion Reading</b> Eliminate reading confusion when process adjustments and chlorine discharge require ultra low range control.			✓
<b>Reliable, Accurate Colorimetric Technology</b> Reliable colorimetric DPD chemistry to continuously monitor water for free or total chlorine.	✓	✓	✓
<b>Service Protected</b> A complete portfolio of service plans to help you protect your investment and peace of mind.	✓	✓	✓
<b>Claros Enabled</b> Claros – The Water Intelligence System from Hach. Claros provides greater confidence in your data, resulting in improved efficiencies in your plant's operation.		✓	✓
<b>Enhanced Connectivity</b> Compatibility with the SC controller platform, giving users more flexibility to store, transfer, and interact with their process chlorine data.		✓	✓
<b>Maintenance Made Easy</b> Reduces your routine maintenance touch time with simplified tubing replacement and step-by-step, on-screen workflows.		✓	✓
<b>Flow Sensor</b> A built-in flow meter to notify you when there's an unexpected change in flow that could compromise your measurements.		✓	✓

## Technical Specifications

	CL17	CL17sc	Ultra Low Range CL17sc
<b>Accuracy</b>	$\pm 5\%$ or $\pm 0.04$ mg/L (ppm) as $\text{Cl}_2$ (whichever is greater)	$\pm 5\%$ or $\pm 0.04$ mg/L from 0 to 5 mg/L (whichever is greater) as $\text{Cl}_2 \pm 10\%$ from 5 to 10 mg/L as $\text{Cl}_2$	$\pm 5\%$ or $\pm 0.01$ mg/L as $\text{Cl}_2$ (whichever is greater) from 0 to 4 mg/L; $\pm 10\%$ from 4 to 5 mg/L as $\text{Cl}_2$
<b>Communication Capabilities</b>	4-20mA Output	Current output, relays and bus communication via SC controller	Current output, relays and bus communication via SC controller
<b>Cycle Time</b>	Fixed 2.5 min.	Fixed 2.5 min.	Fixed 2.5 min.
<b>Dimensions (H x W x D)</b>	45.4 cm x 31.4 cm x 17.9 cm (17.9 in. x 12.4 in. x 7.0 in.)	32.9 cm x 34.2 cm x 17.7 cm (12.9 in. x 13.5 in. x 7.0 in.)	32.9 cm x 34.2 cm x 17.7 cm (12.9 in. x 13.5 in. x 7.0 in.)
<b>Controller</b>	No	Hach SC controllers	Hach SC controllers
<b>Enclosure Rating</b>	IP62	IP66	IP66
<b>Flow Meter</b>	No	Yes	Yes
<b>Measurement Range</b>	0-5 mg/L (ppm)	0-10 mg/L (ppm)	0-5 mg/L (ppm)
<b>Limit of Detection (LOD)</b>	0.03 mg/L (ppm)	0.03 mg/L (ppm)	0.008 mg/L (ppm)



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