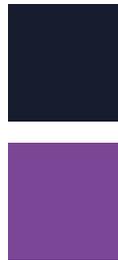




Total Chlorine Confidence

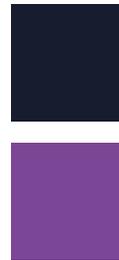
Meet your unique water cycle needs with the new Ultra Low Range CL17sc online total chlorine analyser from Hach. Whether treating utility drinking water, product water, or wastewater discharge, you'll have the direct chlorine measurements you need to optimise your process. You'll be able to protect valuable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



Learn more at:

www.hach.com/ULRCL17sc

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Total Chlorine Confidence

From the global leader in chlorine analysis.





Wondering how the Ultra Low Range CL17sc can help your team?

1. Is your dechlorination process optimised? Do you know if your assets are protected from chlorine damage?

Chlorine breakthroughs can adversely affect your process, product, or equipment. The Ultra Low Range CL17sc can achieve a limit of detection of 8 parts per billion (ppb), making treatment decisions more meaningful and straightforward. The improved accuracy at this low range is critical to dechlorination and for customers who know that a 10 ppb change in chlorine concentration for example can mean shortening the lifespan of an RO membrane by 25%*.

2. Could you improve your RO membrane lifespan, performance, or maintenance schedule with more accurate residual chlorine data?

Chlorine damage to your assets can be irreversible, so it is invaluable to know how much chlorine your assets have been exposed to over time. Too much chlorine reaching your RO membrane can degrade performance and shorten its lifespan. Too little chlorine can result in biofouling, excess membrane cleaning, and overspending on chemicals. With the Cumulative Chlorine Counter, exclusive to the Ultra Low Range CL17sc, you can understand the true impact of chlorine exposure and more accurately forecast your RO membrane efficiency and useful life.

3. Would an accurate parts per billion chlorine reading give you more confidence in meeting total residual chlorine limits for your permit or product specification?

Online residual chlorine measurement options for ultra-low ranges have been either inadequate or inefficient—until now. With the lowest limit of detection at 8 ppb, the Ultra Low Range CL17sc gives you direct total chlorine results and maintains accuracy consistently without loss of sensitivity in your new target range.

4. Is Hach's Ultra Low Range CL17sc right for you?

The Ultra Low Range CL17sc is best suited for clean water that is measured for either presence of chlorine at low levels or its absence. It measures total chlorine concentration from 0.008–5.0 mg/L. If your processes involve RO membranes or any form of dechlorination, such as chemical (e.g. sulfite/bisulfite) and/or adsorption (e.g. activated carbon), the Ultra Low Range CL17sc can be used to ensure presence of chlorine at very low levels, or its complete absence, depending on the needs of your process and equipment.

*Based on the difference between 50 ppb and 40 ppb continuous free chlorine exposure to a RO membrane rated to double salts passage after 1000 ppm-hours of chlorine exposure.

Monitor and Optimise Your Dechlorination Process

Mitigate issues and take control of your dechlorination process with the Ultra Low Range CL17sc analyser, which can detect as low as 8 parts per billion (ppb).

Depend on Direct Measurements

Online residual chlorine measurement options for ultra low ranges have been either inadequate or inefficient – until now. The Ultra Low Range CL17sc gives you direct total chlorine results and consistently maintains accuracy without loss of sensitivity in your new target range.

Protect Your Assets

Understand the true impact of chlorine exposure on downstream assets over time with the new Cumulative Chlorine Counter feature, exclusive to the Ultra Low Range CL17sc.



With Hach® Service you have a global partner who understands your needs and cares about delivering timely, high-quality service you can trust. Our Service Team brings unique expertise to help you maximise instrument uptime, ensure data integrity, maintain operational stability, and reduce compliance risk.



Pick&Ship is a subscription program from Hach for supplies, like reagents, maintenance kits, and other items you need on a recurring basis.