











Free and Total Chlorine

Continuously and Accurately Monitored

- High accuracy of ±0.03 mg/l or ±5%
- <15 minutes per month to exchange reagents
- > 30 days unattended runtime
- No calibration required
- Backlit LCD display
- Can be integrated into existing IQ Sensor Net via MIQ/IC2



Drinking water

Chlorination is often used to disinfect drinking water. To control this process and ensure low residual chlorine concentrations with programmable alarms and relays, the Chlorine 3017M is perfectly suited.



Waste water treatment plants

In the final stages before discharge, the Chlorine 3017M controls the disinfection, monitors the dechlorination and therefore optimizes the process.



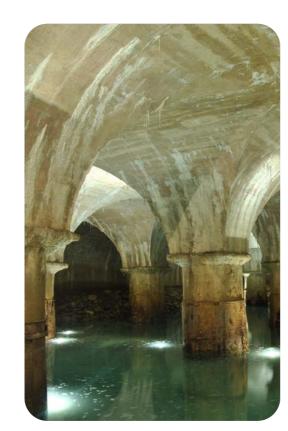
Cooling towers

The Chlorine 3017M ensures that your cooling water system is operating with the right amount of chlorine concentrations to prevent corrosion and control algae and microorganism growth.



Aquacultures and Aquatic habitats

Free and combined chlorine are extremely toxic to aquatic life. The Chlorine 3017M detects residual free and total chlorine to prevent unnecessary stress on aquatic habitats.











Technical Data

Accuracy	±0.03 mg/l or ±5%, whichever is greater		
Light Source	Class 1 LED; wavelength centered at 525 nm		
Limit of detection (LOD)	0.03 mg/l		
Maintenance	<15 minutes per month to exchange reagents		
Measurement Interval	Programmable; 2.5 60 minutes		
Measurement Range	0 5 mg/l free or total chlorine, reagent dependent		
Reagent Consumption	~30 days per bottle at a 2.5 minute measurement interval		
Sample Flow Rate	50 1,000 ml/min when using Sample Inlet Device		
Sample Temperature Range	5 45 °C (41 113 °F)		
Unattended Runtime	> 30 days	<u> </u>	
Communication Capabilities	RS-485 Modbus or 4-20 mA output	TD	
Warranty	2 years	7.05	

Ordering information

Model	Description	Order No.
Chlorine 3017M	DPD Chlorine Analyzer	860151
CLF-Kit 30	Reagent kit for Free Chlorine	860161
CLT-Kit 30	Reagent kit for Total Chlorine	860166

Accurate and reliable

Measures free or total chlorine using the **DPD colorimetric method**. This highly accurate method of analysis provides reliable data for process optimization, control and reporting.

Low maintenance

Flow Injection Analysis **simplifies maintenance** and **saves you time**. Simplified tubing and low reagent use reduces the frequency of instrument maintenance.

Factory calibrated

Eliminates the need for regular calibration.

ISO and EPA compliant

The 3017M is compliant with US EPA regulations 40 CFR 141.74 (drinking water) and 40 CFR 136.3 (wastewater).

The 3017M measurement method conforms with standard method 4500-CL-G, US EPA method 334.0, and **ISO method 7393-2**, which makes it suitable for drinking water reporting worldwide.

Process Control

Two configurable relays that you can connect to a PLC to automate and control the chemical dosing process

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- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



Regional Sales Offices

UK:

Xylem Analytics UK Limited Tel +44 1462 673581 salesuk@xyleminc.com www.xylemanalytics.co.uk

Australia:

Xylem Analytics Australia Tel +61 1300 995362 salesAus@xyleminc.com www.xylem-analytics.com.au

Asia:

Xylem Analytics Japan Tel +81 (0)44-222-0009 ysijapan.support@xyleminc.com www.xylem-analytics.jp

China:

Xylem Analytics (Beijing) Co., Ltd Tel +86 10 5785 2266 Xylemanalytics.China@xyleminc.com www.xylemanalytics.cn

Middle East & Africa:

Xylem Analytics Middle East & Africa Tel +971 4 806 1000 Info.MEA@Xyleminc.com www.xylemanalytics.com

France:

Xylem Analytics France Tel + 33 (0)1 46 95 32 81 XAFCialFR@xyleminc.com XAFInfoFR@xyleminc.com www.xylemanalytics.com

Visit our website for more contact info

Connect with us:



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Xylem Analytics Germany Sales GmbH & Co. KG, WTW Am Achalaich 11 82362 Weilheim, Germany Tel +49 881 1830 Fax +49 881 183-420 Info.WTW@xylem.com www.xylemanalytics.com

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