

WTW's 3017M DPD chlorine analyzer continuously monitors free or total chlorine in drinking water or wastewater applications using the ISO and EPA approved DPD colorimetric method.

We would like to inform you about the application range on our website

Measurement principle/ method Colorimetric with N, N-Diethyl-p-phenylenediamine (DPD) Measurement Range 05 mg/l free or total chlorine, reagent dependent Resolution 0.01 mg/l Accuracy ±0.03 mg/l or ±5%, whichever is greater Limit of Detection 0.03 mg/l Measurement Interval Programmable; 2.5 60 minutes Sample Temperature 5 45 °C (41 113 °F) Sample Flow Rate to 50 1,000 ml/min when using Sample Inlet Device Reseauction -30 days per bottle at a 2.5 minute measurement interval Calibration Factory calibrated, 1-point if required Display 2.8 x 6 cm backlit LCD Mounting 4 mounting struts bolted to back of unit Regeulatory Compliance US EPA regulations 40 CFR 141.74 and 40 CFR 136.3; Standard method 4500 CL C; US EPA method 334.0; ISO method 7393-2 Language English, French, German, Italian, Spanish Reagent Storage Life before hydration: Buffer and indicator: 5 years DPD powder: 1 year after hydration: Buffer and indicator: 5 years DPD powder: 1 year 418 in Bigital Output One 4.20 mA configurable output Digital Output One 4.20 mA configurab	Model	Chlorine 3017M		
Measurement Range 05 mg/l free or total chlorine, reagent dependent Resolution 0.01 mg/l Accuracy ±0.03 mg/l or ±5%, whichever is greater Limit of Detection 0.03 mg/l Measurement Interval Programmable; 2.5 60 minutes Sample Flow Rate to 50 1,000 ml/min when using Sample Inlet Device Sample Inlet Device 0.07 1.40 bar (1 20 psi) with Sample Inlet Device Reagent Consumption -30 days per bottle at a 2.5 minute measurement interval Calibration Factory calibrated, 1-point if required Display 2.8 x 6 cm backlit LCD Mounting 4 mounting struts bolted to back of unit Regulatory Compliance US EPA regulations 40 CFR 136.3; Standard method 4500-CL G; US EPA method 334.0; ISO method 7393-2 Language English, French, German, Italian, Spanish Reagent Storage Life before hydration: Differ and indicator: 5 years DPD powder: 1 year after hydration -30.40 days Power 115-230 VAC, 50-60 Hz, 70 VA Relays Two relays rated at 6A, 30 VDC Analog Output One 4.20 mA configurable output Digital Output Re-485 Modbus RTU Light Source <t< th=""><th></th><th>Colorimetric with N, N-Diethyl-p-phenylenediamine (DPD)</th><th>1</th><th></th></t<>		Colorimetric with N, N-Diethyl-p-phenylenediamine (DPD)	1	
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Reagent Storage Life before hydration: Buffer and indicator: 5 years DPD powder: 1 year after hydration	Regulatory Compliance	Standard method 4500-CL-G; US EPA method 334.0;	1	(37.6 cm)
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Relative Humidity: 90% at 40 °C non-condensing	Light Path Length	>1 cm		
Cartification CE CETLuc	Environmental conditions	o	ng Tempera	ature Range: 5 55 °C (41 131 °F);
Certification CE, CE reus	Certification	CE, cETLus		
Weight 8 kg (<18 lbs)	Weight	8 kg (<18 lbs)		
Mechanics Enclosure: Polycarbonate Flow cell Assembly: CPVC Sample pump assembly: PA12 is Polyamide12 and POM is Polyacetal Reagent pump assembly: Cyanoacrylate body and Stainless steel rollers Fan assembly: Acrylonitrile Butadiene Styrene (ABS) Terminal block: Polyamide 66 (PA 66) Housing: Designed for IP 66/NEMA 4X	Mechanics	Flow cell Assembly:CPVCSample pump assembly:PA12 is Polyamide12 and POMReagent pump assembly:Cyanoacrylate body and StainlFan assembly:Acrylonitrile Butadiene StyreneTerminal block:Polyamide 66 (PA 66)	less steel ro	
Warranty 2 year warranty	Warranty	2 year warranty		

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
RT-Kit	Replacement Tubing kit for the Chlorine 3017M	860181
FC-Kit	Glass Flow cell with O-Rings 3017M	860186
RC-Kit	Reagent caps, 2 each, 3017M	860187
SID-Kit	Sample Inlet Device Kit	860188
RF	Replacement Filter for the Chlorine 3017M	860189



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