

Colorimetric measurements made easy

Meter Specifications

Parameters	Range	Resolution	Accuracy	C401	C301	C201	C105	C104	C103	C102	C101
Chlorine, Free and Total	0 – 1.99 ppm	0.01 ppm	±0.02 ppm	●	●	●					
	2.0 – 6.0 ppm	0.1 ppm	±0.2 ppm								
Cyanuric Acid	5 – 90 ppm	1 ppm	±4 ppm	●						●	
pH	5.9 – 8.2 pH	0.1 pH	±0.1 pH	●	●						●
Chlorine Dioxide	0 – 3.79 ppm	0.01 ppm	±0.02 ppm						●		
	3.8 – 11.4 ppm	0.1 ppm	±0.2 ppm								
Bromine	0 – 4.49 ppm	0.02 ppm	±0.03 ppm					●			
	4.5 – 13.5 ppm	0.2 ppm	±0.3 ppm								
Ozone	0 – 1.39 ppm	0.01 ppm	±0.02 ppm				●				
	1.4 – 4.1	0.1 ppm	±0.2 ppm								
Measurement Method				Photometric							
Light Source				Light Emitting Diode (LED)							
Wavelength				525 nm							
Detector				Silicon photodiode							
Absorbance Range				0 – 2.5 Abs							
Photometric Precision				+/- 0.0015 Abs							
Calibration Points				User selectable; 1 point per colorimetric test							
Display				4-digit 14-segments customised liquid crystal display with annunciators							
Sample Vials				Borosilicate glass with screw caps, fill line and indexing mark Height x diameter: 51 x 25 mm (2 x 1 in)							
Sample Required				10 ml (0.33 oz)							
Operating Temperature Range				0 – 50 °C							
Sample Temperature Range				0 – 50 °C							
Operating Humidity Range				0-90% RH non-condensing at 30 °C							
Power Supply				4 AAA alkaline batteries							
Battery Life				> 3000 tests							
Electromagnetic Compliance (EMC)				Emitted Interference - EN 61326 Immunity to Interference - EN 61326							
Enclosure Rating				IP67							
Insulation Rating				Pollution degree 2							
Weight				Instrument : 200 g Instrument in carrying case : 1.25 kg							
Dimensions (LxWxH)				Instrument : 68 x 155 x 46 mm Carrying case : 160 x 350 x 120 mm							

Colorimetry

Meter	
Order Code.	Item
EC-C401	Waterproof Free Chlorine, Total Chlorine, Cyanuric Acid & pH Colorimeter Kit Set with reagents (94X377001, 94X377002, 94X377003 & 94X377004) and carrying case
EC-C301	Waterproof Free Chlorine, Total Chlorine & pH Colorimeter Kit Set with reagents (94X377001, 94X377003 & 94X377004) and carrying case
EC-C201	Waterproof Free Chlorine, Total Chlorine Colorimeter Kit Set with reagents (94X377001 & 94X377002) and carrying case
EC-C101	Waterproof Cyanuric Acid Colorimeter Kit Set with reagents (94X377003) and carrying case
EC-C102	Waterproof pH Colorimeter Kit Set with reagents (94X377004) and carrying case
EC-C103	Waterproof Chlorine Dioxide Colorimeter Kit Set with reagents (94X377001 & 94X377005) and carrying case
EC-C104	Waterproof Bromine Colorimeter Kit Set with reagents (94X377002) and carrying case
EC-C105	Waterproof Ozone Colorimeter Kit Set with reagents (94X377002) and carrying case

Accessories	
Order Code.	Item
94X377001	Free Chlorine (DPD) Reagent Kit, pack of 100 pouches
94X377002	Total Chlorine (DPD) Reagent Kit, pack of 100 pouches
94X377003	Cyanuric Acid Reagent Kit, pack of 100 pouches
94X377004	pH Indicator (Phenol Red) Reagent Kit, 1 bottle
94X377005	Chlorine Dioxide (Glycine) Reagent Kit, pack of 100 pouches
ECTN100CUKT	Sample Vials – pack of 3 vials