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Parameters:

Chlorine (Free or Total)

YSI 900 Chlorine Colorimeter

Single Parameter Colorimeter for Total and Free Chlorine

The 900 Chlorine colorimeter is the newest addition to YSI's line of colorimeters. This rugged, waterproof, single parameter colorimeter for Total and Free Chlorine is ideal for laboratory and field testing.

The 900 instrument features a large, backlit display, a real time clock, automatic data logging as well as the ability to export data to a computer or printer using the 900 Series Data Hub for infrared data transfer.

- Quickly, easily and accurately measure Free and Total Chlorine

- Automatic Data Storage; 16-data sets with date and time stamp. Export data with the 900 Series Data Hub infrared data transfer.

- Large, easy to read backlit LCD display

- IP68 waterproof case; easy to hold or set on a benchtop

- Innovative light shield avoids moving parts or separate pieces that can easily be broken or lost.

- User-calibration to any government or organizational standard (for example N.I.S.T. or ISO).

- Resolution can be improved for specific range requirements

- 2-year warranty

The 900 is an ideal solution for quick, simple, accurate chlorine measurements.

YSI 900 Series Data Hub

- Infrared data transfer
- Easily connects to a PC, USB printer or serial printer
- Data can easily be saved in Excel or as a .txt file
- Includes software to easily start transferring your data from the 900 Chlorine instrument
- Simply bring your instrument near the Data Hub to transfer your data and move on to conducting more measurements

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900 Chlorine Colorimeter General Specifications

Power Supply	4 alkaline AAA batteries; approximately 17 continuous hours or 5,000 tests
Auto Shutoff	20 minutes after last key press; audible signal
Operating Range	5° to 40°C (41° to 104°F); 30-90% relative humidity
Display	Backlit LCD
Memory Capacity	16 data sets with date and time stamp; automatic
Weight	260 g (0.5 lbs)
Dimensions	15.5 L x 7.5 W x 3.8 H cm (6.1 L x 3 W x 1.5 H in)
Interfaces	Infrared interface with the 900 Series Data Hub (optional) for data transfer
Operation	Acid/solvent resistant case; touch-sensitive keypad with audible feedback; factory calibrated; user calibration possible; reset to factory cal
Certifications	CE; IP68 waterproof rating (1 hour at 0.1 meter); floats
Colorimetric Resolution	0.01 A (absorbance)
Photometric Accuracy*	3% FS (T = 20° to 25°C) (68° to 77°F)
Wavelength Accuracy	±1 nm
Warranty	2 year
Optics	LEDs, interference filter (IF) and photo sensor in a transparent chamber. 1 interference filter
	Wavelength Range: 530 nm IF $\triangle \lambda$ = 5 nm

900 Chlorine Colorimeter Technical Specifications

Chlorine Free	Range	0.02 to 2.0 mg/L
	Method	DPD - Free Chlorine Reagent
	λ	530
Chlorine Total	Range	0.1 to 8.0 mg/L
	Method	DPD - Total Chlorine Reagent
	λ	530

900 Chlorine Colorimeter Ordering Information (order items separately)

250900Y	Model 900 colorimeter for Free or Total Chlorine	
251401Y	Chlorine, Free reagent, powder, 10 mL, pack of 100	0.02 to 2.00 mg/L or 0.1 to 8.0 mg/L using two packs
251401LP1Y	Chlorine, Free reagent, powder, 10 mL, pack of 1000	0.02 to 2.00 mg/L or 0.1 to 8.0 mg/L using two packs
251414Y	Chlorine, Total reagent, powder, 10 mL, pack of 100	0.02 to 2.00 mg/L
251414LP1Y	Chlorine, Total reagent, powder, 10 mL, pack of 1000	0.02 to 2.00 mg/L
251600Y	DPD No. 1, Low Range, tablet, pack of 100	0.01 to 6.0 mg/L
251601Y	DPD No. 3, Low Range, tablet, pack of 100	0.01 to 6.0 mg/L
251602Y	DPD No. 1, High Range, tablet, pack of 100	0.1 to 10 mg/L
251603Y	DPD No. 3, High Range, tablet, pack of 100	0.1 to 10 mg/L
251399Y	Secondary Reference Standard; pack of 3	0.0, 0.20 and 1.0 mg/L
200900Y	900 Series Data Hub for Infrared Data Transfer	
251392Y	Primary Standard, 100 mL	1.5 mg/L

* Measured with standard solution

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