

C 100

A Complete Laboratory at Your Fingertips

C 100 is one of the most versatile colorimeters on the market. Just one meter measures up to 36 of the most important water quality parameters. **C 100**, like other instruments in this series, runs for hours on a common inexpensive 9V battery. In addition, it can operate continuously with input voltage of 12-20VDC. **C 100** is also extremely simple to use. The front mask lists all the parameters in a numerical order and the display shows the same numbers for a quick reference during testing. The meter can be zeroed in seconds and the reagents cost much less than what you have been used to paying. All this and much more at a fraction of the cost of expensive and complex spectrophotometers!



TEST	RANGE	METHOD	REAGENT CODE
Aluminum	0.00 to 1.00 mg/L	Aluminon	HI 93712-01
Ammonia HR	0.00 to 9.99 mg/L	Nessler	HI 93715-01
Ammonia LR	0.00 to 3.00 mg/L	Nessler	HI 93700-01
Bromine	0.00 to 8.00 mg/L	DPD	HI 93716-01
Free Chlorine *	0.00 to 2.50 mg/L	DPD	HI 93701-01
Total Chlorine *	0.00 to 3.50 mg/L	DPD	HI 93711-01
Chlorine Dioxide	0.00 to 2.00 mg/L	Chlorophenol Red	HI 93738-01
Chromium VI HR	0 to 1000 µg/L	Diphenylcarbohydrazide	HI 93723-01
Chromium VI LR	0 to 300 µg/L	Diphenylcarbohydrazide	HI 93749-01
Color	0 to 500 PCU	Chloroplatinate	—
Copper HR	0.00 to 5.00 mg/L	Bicinchoninate	HI 93702-01
Copper LR	0 to 990 µg/L	Bicinchoninate	HI 93747-01
Cyanide	0.000 to 0.200 mg/L	Pyridine-Pyrazalone	HI 93714-01
Cyanuric Acid	0 to 80 mg/L	Turbidimetric	HI 93722-01
Fluoride	0.00 to 2.00 mg/L	SPADNS	HI 93729-01
Ca Hardness	0.00 to 2.70 mg/L	Calmagite	HI 93720-01
Mg Hardness	0.00 to 2.00 mg/L	Colorimetric	HI 93719-01
Hydrazine	0 to 400 µg/L	p-Dimethylaminobenzaldehyde	HI 93704-01
Iodine	0.0 to 12.5 mg/L	DPD	HI 93718-01
Iron HR	0.00 to 5.00 mg/L	Phenantroline	HI 93721-01
Iron LR	0 to 400 µg/L	TPTZ	HI 93746-01
Manganese HR	0.0 to 20.0 mg/L	Periodate Oxidation	HI 93709-01
Manganese LR	0 to 300 µg/L	PAN	HI 93748-01
Molybdenum	0.0 to 40.0 mg/L	Mercaptoacetic Acid	HI 93730-01
Nickel HR	0.00 to 7.00 g/L	Photometric	HI 93726-01
Nitrate	0.0 to 30.0 mg/L	Cadmium Reduction	HI 93728-01
Nitrite HR	0 to 150 mg/L	Ferrous Sulfate	HI 93708-01
Nitrite LR	0.00 to 0.35 mg/L	Diazotization	HI 93707-01
Dissolved Oxygen	0.0 to 10.0 mg/L	Winkler	HI 93732-01
pH	5.9 to 8.5 pH	Phenol Red	HI 93710-01
Phosphate HR	0.0 to 30.0 mg/L	Amino Acid	HI 93717-01
Phosphate LR	0.00 to 2.50 mg/L	Ascorbic Acid	HI 93713-01
Phosphorus	0.0 to 15.0 mg/L	Amino Acid	HI 93706-01
Silica	0.00 to 2.00 mg/L	Heteropoly blue	HI 93705-01
Silver	0.000 to 1.000 mg/L	PAN	HI 93737-01
Zinc	0.00 to 3.00 mg/L	Zincon	HI 93731-01

* For chlorine measurements, liquid reagents are also available (see page I62 and section S).

HOW TO ORDER

C 100 is supplied with 3 cuvetts, caps, 9V battery, 12 VDC power adapter

For a comprehensive list of reagents see page I62 and section S. For a complete list of accessories see section R