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C 200 Complete Water Quality Analysis Photometer

- Measure 36 water quality parameters
- Easy-to-use
- Battery operated for maximum portability

HI 83200 is one of the most versatile photometers on the market. Just one meter measures up to 36 of the most important water quality parameters. HI 83200, like other instruments in this series, runs for hours on common inexpensive 9V batteries. In addition, it can operate continuously with input voltage of 12-20 Vdc. HI 83200 is also extremely simple to use. The front mask lists all the parameters in 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! A built-in RS232 port ensures that data can be downloaded to your PC for further study. Use our optional HI 92000 Windows® compatible software to get the most out of your meter.

HI 83200 is supplied complete with 3 cuvetts, bottle for D.O. test, batteries, 12 Vdc adapter and instructions.

Available Accessories:

HI 93712-01	Aluminum reagent
HI 93715-01	Ammonia MR reagent
HI 93700-01	Ammonia LR reagent
HI 93716-01	Bromine reagent
HI 93701-01	Free Chlorine reagent
HI 93711-01	Total Chlorine reagent
HI 93738-01	Chlorine Dioxide
HI 93723-01	Chromium VI HR reagent
HI 93749-01	Chromium VI LR reagent
HI 93702-01	Copper HR reagent
HI 93747-01	Copper LR reagent
HI 93714-01	Cyanide reagent
HI 93722-01	Cyanuric Acid reagent
HI 93729-01	Fluoride reagent
HI 93720-01	Ca Hardness reagent
HI 93719-01	Mg Hardness reagent
HI 93704-01	Hydrazine reagent
HI 93718-01	Iodine reagent
HI 93721-01	Iron HR reagent
HI 93746-01	Iron LR reagent
HI 93709-01	Manganese HR reagent
HI 93748-01	Manganese LR reagent
HI 93730-01	Molybdenum reagent
HI 93726-01	Nickel HR reagent

Specifications:

Parameter	Cyanide
Range	0.000 to 0.200 mg/L
Method	Pyridine Pyrazalone
Parameter	Cyanuric Acid
Range	0 to 80 mg/L
Method	Turbidimetric
Parameter	Fluoride
Range	0.00 to 2.00 mg/L
Method	SPADNS
Parameter	Hardness (Calcium)
Range	0.00 to 2.70 mg/L
Method	Calmagite
Parameter	Hardness (Magnesium)
Range	0.00 to 2.00 mg/L
Method	EDTA
Parameter	Hydrazine
Range	0 to 400 µg/L
Method	pDimethylaminobenzaldehyde
Parameter	Iodine
Parameter	Aluminum
Range	0.00 to 1.00 mg/L
Method	Aluminon
Parameter	Ammonia MR
Range	0.00 to 10.00 mg/L
Method	Nessler
Parameter	Ammonia LR
Range	0.00 to 3.00 mg/L

HI 93728-01 Nitrate reagent
HI 93708-01 Nitrite HR reagent
HI 93707-01 Nitrite LR reagent
HI 93732-01 Dissolved Oxygen reagent
HI 93710-01 pH reagent
HI 93717-01 Phosphate HR reagent
HI 93713-01 Phosphate LR reagent
HI 93706-01 Phosphorus reagent
HI 93705-01 Silica reagent
HI 93737-01 Silver reagent
HI 93731-01 Zinc reagent

Method	Nessler
Parameter	Bromine
Range	0.00 to 8.00 mg/L
Method	DPD
Parameter	Chlorine Dioxide
Range	0.00 to 2.00 mg/
Method	Chlorophenol Red
Parameter	Free Chlorine
Range	0.00 to 2.50 mg/L
Method	DPD
Parameter	Total Chlorine
Range	0.00 to 3.50 mg/L
Method	DPD
Parameter	Chromium VI HR
Range	0 to 1000 µg/L
Method	Diphenylcarbohydrazide
Parameter	Chromium VI LR
Range	0 to 300 µg/L
Method	Diphenylcarbohydrazide
Parameter	Color
Range	0 to 500 PCU
Method	Platinum Cobalt
Parameter	Copper HR
Range	0.00 to 5.00 mg/L
Method	Bicinchoninate
Parameter	Copper LR
Range	0 to 1000 µg/L
Method	Bicinchoninate
Range	0.0 to 12.5 mg/
Method	DPD
Parameter	Iron HR
Range	0.00 to 5.00 mg/L
Method	Phenantroline
Parameter	Iron LR
Range	0 to 400 µg/L
Method	TPTZ
Parameter	Manganese HR
Range	0.0 to 20.0 mg/L
Method	Periodate
Parameter	Manganese LR
Range	0 to 300 µg/L
Method	PAN
Parameter	Molybdenum
Range	0.0 to 40.0 mg/L
Method	Mercaptoacetic Acid
Parameter	Nickel HR
Range	0.00 to 7.00 g/L
Method	Photometric
Parameter	Nitrate
Range	0.0 to 30.0 mg/L
Method	Cadmium Reduction
Parameter	Nitrite HR
Range	0 to 150 mg/L
Method	Ferrous Sulphate
Parameter	Nitrite LR
Range	0.00 to 0.35 mg/L
Method	Diazotization
Parameter	Dissolved Oxygen
Range	0.0 to 10.0 mg/L
Method	Winkler
Parameter	pH
Range	6.5 to 8.5 pH
Method	Phenol Red
Parameter	Phosphate HR
Range	0.0 to 30.0 mg/L
Method	Amino Acid
Parameter	Phosphate LR
Range	0.00 to 2.50 mg/L
Method	Ascorbic Acid
Parameter	Phosphorus
Range	0.0 to 15.0 mg/L
Method	Amino Acid
Parameter	Silica
Range	0.00 to 2.00 mg/L
Method	Heteropoly blue
Parameter	Silver
Range	0.000 to 1.000 mg/L
Method	PAN
Parameter	Zinc
Range	0.00 to 3.00 mg/L
Method	Zincon