



C 209 Multi-parameter Photometer for Education

- Microprocessor Accuracy
- Both Portable and Bench
- Reagent Sets for 100 or 300 Tests

Finally a meter made for schools and educators that is simple-to-use and economical without compromising accuracy. In fact, HI 83209 measures 20 different water quality parameters with lab precision at a comparable cost-per-test as chemical test kits! Simply press the up or down arrows to access one of 20 critical parameters built into this handy meter. HI 83209 has been designed to be used both indoors and outdoors. In fact, with its splashproof keyboard, lightweight, battery and 12 Vdc adapter, HI 83209 is as equally at home in a busy school lab as out near a pond.

HI 83209 is supplied complete with 3 cuvettes, bottle for D.O. test, batteries, 12 Vdc adapter and instructions.

Available Accessories:

- HI 93715-01 Ammonia MR reagent
- HI 93700-01 Ammonia LR reagent
- HI 93701-01 Free Chlorine reagent
- HI 93711-01 Total Chlorine reagent
- HI 93723-01 Chromium VI HR reagent
- HI 93749-01 Chromium VI LR reagent
Color reagent
- HI 93702-01 Copper HR reagent
- HI 93747-01 Copper LR reagent
- 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

Specifications:

Parameter	Ammonia LR
Range	0.00 to 3.00 mg/L
Method	Nessler
Parameter	Ammonia MR
Range	0.00 to 10.00 mg/L
Method	Nessler
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 300 µg/L
Method	Diphenylcarbohydrazide
Parameter	Chromium VI LR
Range	0 to 1000 µg/L
Method	Diphenylcarbohydrazide
Parameter	Color
Range	0 to 500 PCU
Method	Chloroplatinate
Parameter	Copper HR
Range	0.00 to 5.00 mg/L
Method	Bicinchoninate
Parameter	Copper LR
Range	0 to 1000 µg/L
Method	Bicinchoninate
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