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C 205 Multi-parameter Photometer for Boiling & Cooling Towers

- Monitor 24 parameters
- Cost effective
- Easy-to-use

HI 83205 presents engineers and maintenance personnel with an innovative and cost-effective way to monitor boilers and cooling towers. With just one unit, technicians can keep an eye on 24 parameters needed for proper and efficient functioning of their systems. The parameters that can be monitored include: iron, whose presence can be an important indication of corrosion; chlorine to circumvent microbiological fouling; dissolved oxygen, whose presence causes corrosion; silica can point to a contamination of the feed water while phosphate is important to reduce scaling. These and many other vital parameters can now be measured with just one unit at a cost-per-test that is comparable with chemical test kits. The part numbers that are under reagent code below mostly refer to spare reagent sets for 100 tests.

HI 83205 is supplied complete with 2 cuvets, 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 reagent
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 93704-01 Hydrazine reagent
HI 93721-01 Iron HR reagent
HI 93746-01 Iron LR reagent
HI 93730-01 Molybdenum 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 93705-01 Silica reagent
HI 93731-01 Zinc reagent

Specifications:	
Parameter	Aluminum
Range	0.00 to 1.00 mg/L
Method	Aluminon
Parameter	Ammonia HR
Range	0.00 to 9.99 mg/L
Method	Nessler
Parameter	Ammonia LR
Range	0.00 to 3.00 mg/L
Method	Nessler
Parameter	Bromine
Range	0.00 to 8.00 mg/L
Method	DPD
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	Chlorine Dioxide
Range	0.00 to 2.00 mg/L
Method	Chlorophenol Red
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	Copper HR
Range	0.00 to 5.00 mg/L
Method	Bicinchoninate
Parameter	Copper LR
Range	0 to 990 µg/L
Method	Bicinchoninate
Parameter	Hydrazine
Range	0 to 400 µg/L
Method	p-Dimethylaminobenzaldehyde
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	Molybdenum
Range	0.0 to 40.0 mg/L
Method	Mercaptoacetic Acid
Parameter	Nitrate
Range	0.0 to 30.0 mg/L
Method	Cadmium Reduction
Parameter	Nitrite HR
Range	0 to 150 mg/L
Method	Ferrous Sulfate
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	5.9 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	Silica
Range	0.00 to 2.00 mg/L
Method	Heteropoly blue
Parameter	Zinc
Range	0.00 to 3.00 mg/L
Method	Zincon