C 212 Multi-parameter Photometer for Power Plants

- Monitor 13 parameters
- Easy-to-use
- Battery powered for transport

Ammonia levels are often tested in boiler feedwater and industrial waste. Chlorine is used to sanitize cooling towers and industrial equipment. Copper is often added to water to hinder growth of plankton and algae. Hydrazine has bactericidal properties and scavenges oxygen. Molybdenum is used as a corrosion inhibitor in cooling towers while phosphate can enter water streams due to boiler blowdowns and is added to reduce scaling. Silica, on the other hand, can be a major source of scaling while silver is a toxic pollutant and needs to be monitored in effluents. These and other critical factors in power plants can now be measured with the HANNA instruments® HI 83212 bench meter. To keep a tab on all these variables with just one meter, simply use the HI 83212 multi-parameter photometer.

HI 83212 is supplied complete with 2 cuvets, 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 93702-01	Copper HR reagent
HI 93747-01	Copper LR reagent
HI 93704-01	Hydrazine reagent
HI 93730-01	Molybdenum 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

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	Copper HR
Range	0.00 to 5.00 mg/L
Method	Bicinchoninate
Parameter	Copper LR
Range	0 to 1000 µg/L
Method	Bicinchoninate
Parameter	Hydrazine
Range	0 to 400 µg/L
Method	pDimethylaminobenzaldehyde
Parameter	Molybdenum
Range	0.0 to 40.0 mg/L
Method	Mercaptoacetic Acid
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

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