

Environmental Electro-analytical Instrumentation

Lakes, rivers & groundwaters

Photometers

Single or multiparameter to meet your needs

SINGLE PARAMETER	CODE	RANGE	INCREMENT	ACCURACY
Aluminum	HI 93712	0.00 to 1.00 mg/l	0.01 mg/l	±0.02 mg/l ±4% of reading
Ammonia, High Range	HI 93733	0.0 to 50.0 mg/l	0.1 mg/l	±0.5 mg/l ±5% of reading
Ammonia, Medium Range	HI 93715	0.00 to 9.99 mg/l	0.01 mg/l	±0.5 mg/l ±5% of reading
Ammonia, Low Range	HI 93700	0.00 to 3.00 mg/l	0.01 mg/l	±0.04 mg/l ±4% of reading
Bromine	HI 93716	0.00 to 8.00 mg/l	0.01 mg/l	±0.08 mg/l ±3% of reading
Chlorine, Free, LR	HI 93701	0.00 to 2.50 mg/l	0.01 mg/l	±0.03 mg/l ±3% of reading
Chlorine, Free and Total, HR	HI 93734	0.00 to 9.99 mg/l	0.01 mg/l	±0.03 mg/l ±3% of reading
Chlorine Dioxide	HI 93738	0.00 to 2.00 mg/l	0.01 mg/l	±0.1 mg/l ±5% of reading
Chromium VI, High Range	HI 93723	0 to 1000 µg/l	1 µg/l	±5 µg/l ±4% of reading
Chromium VI, Low Range	HI 93749	0 to 300 µg/l	1 µg/l	±1 µg/l ±4% of reading
Color	HI 93727	0 to 500 PCU	10 PCU	±10 PCU ±5% of reading
Copper, High Range	HI 93702	0.00 to 5.00 mg/l	0.01 mg/l	±0.02 mg/l ±4% of reading
Copper, Low Range	HI 93747	0 to 990 µg/l	1 µg/l	±10 µg/l ±5% of reading
Cyanide	HI 93714	0.000 to 0.200 mg/l	0.001 mg/l	±0.005 mg/l ±3% of reading
Cyanuric Acid	HI 93722	0 to 80 mg/l	1 mg/l	±1 mg/l ±15% of reading
Fluoride, High Range	HI 93739	0.0 to 20.0 mg/l	0.1 mg/l	±0.5 ppm ±3% of reading
Fluoride, Low Range	HI 93729	0.00 to 2.00 mg/l	0.01 mg/l	±5% of reading
Hardness, Ca	HI 93720	0.00 to 2.70 mg/l	0.01 mg/l	±0.11 mg/l ±5% of reading
Hardness, Mg	HI 93719	0.00 to 2.00 mg/l	0.01 mg/l	±0.11 mg/l ±5% of reading
Hardness, Total	HI 93735	0 to 250 mg/l 200 to 500 mg/l 400 to 750 mg/l	1 / 5 mg/l 1 / 5 mg/l 1 / 5 mg/l	±5 mg/l ±4% of reading ±7 mg/l ±3% of reading ±10 mg/l ±2% of reading
Hydrazine	HI 93704	0 to 400 µg/l	1 mg/l	±3% full scale
Iodine	HI 93718	0.0 to 12.5 mg/l	0.1 mg/l	±0.1 mg/l ±5% of reading
Iron, High Range	HI 93721	0.00 to 5.00 mg/l	0.01 mg/l	±0.04 mg/l ±2% of reading
Iron, Low Range	HI 93746	0 to 400 µg/l	1 µg/l	±10 µg/l ±8% of reading
Manganese, High Range	HI 93709	0.0 to 20.0 mg/l	0.1 mg/l	±0.2 mg/l ±4% of reading
Manganese, Low Range	HI 93748	0 to 300 µg/l	1 µg/l	±2 µg/l ±3% of reading
Molybdenum	HI 93730	0.0 to 40.0 mg/l	0.1 mg/l	±0.3 mg/l ±5% of reading
Nickel, HR	HI 93726	0.00 to 7.00 g/l	0.01 g/l	±4% of reading
Nickel, LR	HI 93740	0.000 to 1.000 mg/l	0.001 mg/l	±0.010 mg/l ±5% of reading
Nitrate	HI 93728	0.0 to 30.0 mg/l	0.1 mg/l	±0.5 mg/l ±10% of reading
Nitrite, High Range	HI 93708	0 to 150 mg/l	1 mg/l	±4 mg/l ±4% of reading
Nitrite, Low Range	HI 93707	0.00 to 0.35 mg/l	0.01 mg/l	±0.02 mg/l ±4% of reading
Oxygen, Dissolved	HI 93732N	0.0 to 10.0 mg/l	0.1 mg/l	±0.2 mg/l ±3% of reading
Phosphate, High Range	HI 93717	0.0 to 30.0 mg/l	0.1 mg/l	±1 mg/l ±4% of reading
Phosphate, Low Range	HI 93713	0.00 to 2.50 mg/l	0.01 mg/l	±0.04 mg/l ±4% of reading
Phosphorus	HI 93706	0.0 to 15.0 mg/l	0.1 mg/l	±0.3 mg/l ±4% of reading
Potassium	HI 93750	0.00 to 10.0 mg/l 10.0 to 50.0 mg/l	0.05 mg/l 0.1 mg/l	±0.05 mg/l ±5% of reading ±1 mg/l ±5% of reading
Silica	HI 93705	0.00 to 2.00 mg/l	0.01 mg/l	±0.03 mg/l ±3% of reading
Silver	HI 93737	0.000 to 1.000 mg/l	0.001 mg/l	±0.005 mg/l ±4% of reading
Sulfate	HI 93751	0 to 150 mg/l	1 mg/l	±1 mg/l ±5% of reading
Zinc	HI 93731	0.00 to 3.00 mg/l	0.01 mg/l	±0.03 mg/l ±3% of reading



HI 83XXX Series



MULTIPARAMETER	CODE	MULTIPARAMETER	CODE
Cyanuric Acid and pH	HI 93724	Ammonia, Silver, Chlorine, free and total, Iron, Fluoride,	
Cyanuric Acid, Chlorine, free and total, pH	HI 93104	Phosphate, Phosphorus, Manganese, Molybdenum, Nickel,	
Cyanuric Acid, Bromine, Chlorine, free and total,		Nitrate, Dissolved Oxygen, pH, Copper, Silica, Zinc	HI 83208
Iron, Iodine, pH	HI 93101	Cyanuric Acid, Alkalinity, Chlorine, free and total,	
Calcium and Magnesium	HI 93752	Hardness (Calcium), pH	HI 83216
Chlorine, free and total, Total Hardness, Iron, pH	HI 93745	Cyanuric Acid, Alkalinity, Bromine, Chlorine, free and total,	
Hardness, Total and Iron	HI 93741	Hardness (calcium), Iron, Ozone, pH, Copper, free and total	HI 83226
Iron, Total Hardness and pH	HI 93744	Cyanuric Acid, Aluminum, Ammonia, Silver, Chlorine Dioxide,	
Iron and Manganese	HI 93742	Bromine, Cyanide, Chlorine, free and total, Color, Chromium VI,	
Iron and pH	HI 93743	Hardness (calcium), Hardness (magnesium), Iron, Fluoride,	
Hardness, Total and pH	HI 93725	Phosphate, Phosphorus, Hydrazine, Iodine, Manganese,	
Chlorine and pH	HI 93710	Molybdenum, Nickel, Nitrate, Nitrite, Dissolved Oxygen,	HI 83200
		pH, Copper, Silica, Zinc	