

C 208 - Water Conditioning Measurement Made Simple



Twenty-three of the most critical parameters for water conditioning can now be simply monitored with just one photometer. Instead of having to carry multiple meters or tons of chemical test kits with different color cubes, indicators and instructions, why not just use one simple-to-use meter!

HI 83208 measures important water conditioning parameters such as pH, nitrate, iron, D.O. and zinc.

All you need to do is collect a water sample in the provided cuvet. Zero it to ensure optimum accuracy. Then add the reagents to the sample and place the cuvet back in the meter. The measurements are then shown in clear figures on a large LCD.

Water conditioning control has never been this simple.

Test	Range	Method	Reagent Code
Ammonia MR	0.00 to 10.00 mg/L	Nessler	HI 93715-01
Ammonia LR	0.00 to 3.00 mg/L	Nessler	HI 93700-01
Chlorine*, Free	0.00 to 2.50 mg/L	DPD	HI 93701-01
Chlorine*, Total	0.00 to 3.50 mg/L	DPD	HI 93711-01
Copper HR	0.00 to 5.00 mg/L	Bicinchoninate	HI 93702-01
Copper LR	0 to 1000 µg/L	Bicinchoninate	HI 95747-01
Fluoride	0.00 to 2.00 mg/L	SPADNS	HI 93729-01
Iron HR	0.00 to 5.00 mg/L	Phenantroline	HI 93721-01
Iron LR	0 to 400 µg/L	TPTZ	HI 93746-01**
Manganese HR	0.0 to 20.0 mg/L	Periodate	HI 93709-01
Manganese LR	0 to 300 µg/L	PAN	HI 93748-01**
Molybdenum	0.0 to 40.0 mg/L	Mercuraptoacetic Acid	HI 93730-01
Nickel HR	0.00 to 7.00 g/L	Photometric	HI 93726-01
Nickel LR	0.000 to 1.000 mg/L	PAN	HI 93740-01**
Nitrate	0.0 to 30.0 mg/L	Cadmium Reduction	HI 93728-01
Oxygen, Dissolved (D.O.)	0.0 to 10.0 mg/L	Winkler	HI 93732-01
pH	6.5 to 8.5 pH	Phenol Red	HI 93710-01
Phosphate HR	0.0 to 30.0 mg/L	Amino Acid	HI 93717-01
Phosphate LR	0.00 to 2.50 mg/L	Ascorbic Acid	HI 93713-01
Phosphorus	0.0 to 15.0 mg/L	Amino Acid	HI 93706-01
Silver	0.000 to 1.000 mg/L	PAN	HI 93737-01**
Silica	0.00 to 2.00 mg/L	Heteropoly blue	HI 93705-01
Zinc	0.00 to 3.00 mg/L	Zincon	HI 93731-01

* For Chlorine, liquid reagents are available, see section V.

** Reagents for 50 tests

All reagents with -01 final code are for 100 tests.

For a comprehensive list of accessories and reagents, see sections U and V

Specifications

Light Source	4 tungsten lamps with narrow band interference filter 420/525/575/610 nm
Light Detector	4 Silicon Photocells
Power Supply	2 x 9V battery or 12 Vdc adapter
Auto-off	after 10 minutes of non-use
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
Dimensions / Weight	230 x 165 x 70 mm / 640 g

Ordering Information

HI 83208 is supplied complete with 2 cuvetts, bottle for D.O. test, batteries, 12 Vdc adapter and instructions.