

C 206 - Multi-parameter Environmental Testing



With **HI 83206**, twenty-four parameters are packed into a self-contained compact casing measuring 23x17x7 cm (9x7x3") and weighing only 1½ pounds or 700 grams!

Environmental tests can be accurately and rapidly performed when using the **HANNA** instruments® **HI 83206** photometer. Critical parameters such as pH, D.O., nitrite, ammonia and chlorine can be rapidly measured with just one unit without the need to carry a multitude of instruments or test kits. The part numbers that are under reagent code below mostly refer to spare reagent sets for 100 tests. You may also find the complete list of reagent kits in section V. The replacement reagents are cost-effective and in fact **HI 83206** can often measure a parameter at a lower cost-per-test than most chemical test kits. This is naturally in spite of the fact that the accuracy of **HI 83206** is far superior to what test kits can offer.

Test	Range	Method	Reagent Code
Ammonia LR	0.00 to 3.00 mg/L	Nessler	HI 93700-01
Ammonia MR	0.00 to 10.00 mg/L	Nessler	HI 93715-01
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
Chromium VI HR	0 to 1000 µg/L	Diphenylcarbohydrazide	HI 93723-01
Chromium VI LR	0 to 300 µg/L	Diphenylcarbohydrazide	HI 93749-01
Color	0 to 500 PCU	Chloroplatinate	—
Copper HR	0.00 to 5.00 mg/L	Bicinchoninate	HI 93702-01
Copper LR	0 to 1000 µg/L	Bicinchoninate	HI 95747-01
Cyanuric Acid	0 to 80 mg/L	Turbidimetric	HI 93722-01
Molybdenum	0.0 to 40.0 mg/L	Mercaptoacetic 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
Nitrite HR	0 to 150 mg/L	Ferrous Sulphate	HI 93708-01
Nitrite LR	0.00 to 0.35 mg/L	Diazotization	HI 93707-01
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
Silica	0.00 to 2.00 mg/L	Heteropoly blue	HI 93705-01
Silver	0.000 to 1.000 mg/L	PAN	HI 93737-01**
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 83206 is supplied complete with 3 cuvettes, bottle for D.O. test, batteries, 12 Vdc adapter and instructions.