

C 207 - Monitor Industrial Wastewater



With HI 83207 industrial wastewater can be monitored accurately, quickly and at a comparable cost of chemical test kits.

Twenty of the most critical parameters in typical industrial waste can now be checked with just one bench/portable instrument.

Zero your sample in seconds, add reagents and place it back in the meter. Accurate readout on an LCD without all the hassle!

With HI 83207 your measurements are displayed precisely on a large LCD. No need to match colors, use charts and multipliers, or anxiously await a color change.



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 83207 is supplied complete with 3 cuvetts, bottle for D.O. test, batteries, 12 Vdc adapter and instructions.

Test	Range	Method	Reagent Code
Aluminum	0.00 to 1.00 mg/L	Aluminon	HI 93712-01
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
Color	0 to 500 PCU	Platinum Cobalt	—
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
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	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
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**
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