

C 211 - Better Control for Chemical Manufacturers



Multipurpose photometer with the renowned **HANNA** instruments® quality and design to make your tasks simpler.

Easy-to-Use

Just pick up a sample, zero it, add reagents and place it back in the meter for direct readout on a large LCD.

Battery Operated

HI 83211 can run on a built-in 9V battery as well as from an external source. This facilitates its transportation to different locations within a plant for on-site measurement.

Compact and Lightweight

Bench meters rarely have been made this portable! HI 83211 measures only a few centimeters in height and width, and weighs merely 700 grams.

Spare Reagents

Use the part numbers below to order economical reagent sets to perform 100 tests.



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%
Dimensions / Weight	230 x 165 x 70 mm / 640 g

Ordering Information

HI 83211 is supplied complete with 2 cuvettes, batteries, 12 Vdc adapter and instructions.

Test	Range	Method	Reagent Code
Aluminum	0.00 to 1.00 mg/L	Aluminon	HI 93712-01
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
Chromium VI HR	0 to 1000 µg/L	Diphenylcarbohydrazide	HI 93723-01
Chromium VI LR	0 to 300 µg/L	Diphenylcarbohydrazide	HI 93749-01
Copper HR	0.00 to 5.00 mg/L	Bicinchoninate	HI 93702-01
Copper LR	0 to 1000 µg/L	Bicinchoninate	HI 95747-01
Cyanuric Acid	0 to 80 mg/L	Turbidimetric	HI 93722-01
Iodine	0.0 to 12.5 mg/L	DPD	HI 93718-01
Iron HR	0.00 to 5.00 mg/L	Phenanthroline	HI 93721-01
Iron LR	0 to 400 µg/L	TPTZ	HI 93746-01**
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**
pH	6.5 to 8.5 pH	Phenol Red	HI 93710-01
Phosphates HR	0.0 to 30.0 mg/L	Amino Acid	HI 93717-01
Phosphates 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 a comprehensive list of accessories and reagents, see sections U and V

** Reagents for 50 tests

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