

C 210 - Multi-parameter Meter for Pulp and Paper Mills



HI 83210 is a microprocessor-based multipurpose meter especially designed to measure several important parameters in the pulp and paper industries.

- Microprocessor assures quick and reliable results
- Highly portable: works with both 9V battery as well as 12-20 Vdc power outlet
- 12 parameters in one bench-top unit
- Self-diagnostic and error messages
- Uses DPD for chlorine, Phenol Red for pH, Amino and Ascorbic Acid for Phosphate
- Simple-to-use with only 6 keys
- Select a different parameter by simply pressing the program keys
- Large dual-level LCD display showing measurements in ppm, pH units or PCU directly

Test	Range	Method	Reagent Code
Aluminum	0.00 to 1.00 mg/L	Aluminon	HI 93712-01
Chlorine Dioxide	0.00 to 2.00 mg/L	Chlorophenol Red	HI 93738-01
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	—
Dissolved Oxygen (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
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 83210 is supplied complete with 3 cuvettes, bottle for D.O. test, batteries, 12 Vdc adapter and instructions.