

LAB pH METER, PRECISION CpH-102 & CpH-103

pH, mV, °C

CONTECH[®] CpH-102, an advanced Bench top pH Meter is the perfect combination of the state of the art electronic design coupled with advanced software & reliable electro chemical sensor higher uses a combination plastic pH electrode with inbuilt temperature sensor for the simultaneous measurements of pH & temperature & automatic temperature correction. CpH-103, a higher end bench pH Meter incorporates a glass electrode & separate temperature sensor for high accuracy pH measurement & automatic temperature compensation.

These pH Meters cover innumerable applications in Research, Education, Chemical, Pharmaceutical, Food processing, Cosmetic, Biological & Agricultural fields.



Features

- ♦ pH, mV and temperature measurement.
- ♦ Automatic or Manual temperature Compensation
- ♦ 3 point pH calibration, Automatic buffer recognition.
- ♦ Buffers selectable from 1.68pH, 4.00pH, 4.01pH, 6.86pH, 7.00pH, 9.18pH, 9.20pH, 10.01pH and 12.45pH
- ♦ Bi directional RS232 interface. Baud rate selectable from 1200, 2400, 4800 and 9600.
- ♦ Single and continuous print out of measuring parameters.
- ♦ Multiple Printout types. Combinations selectable from Sr. No., pH, mV, Date, time and temperature.
- ♦ Real Time Clock. Calibration report as per GLP requirements.
- ♦ Electrode Slope and mV offset display.
- ♦ Memory storage of 100 pH measurements.
- ♦ Data logging facility up to 500 results. Data logging interval selectable from 5S, 10S, 20S, 30S, 1M, 2M and 5M.
- ♦ Temperature calibration with respect to solution of known temperature.

Specifications :

Model	CpH-102	CpH-103
pH Range	0-14pH	-2.0000~19.999pH
pH Resolution	0.01pH	0.001pH
pH Accuracy	±0.02pH	±0.002pH
Temperature compensation	Automatic or Manual	Automatic or Manual
Temperature range	0~100°C	0~100°C
mV Range	±1999mV	±1999.9mV
mV Resolution	1mV	0.1mV
mV Accuracy	±1mV	±0.5mV
Electrode	pH combination electrode with built in temperature sensor - Glass - EpHG07	pH combination electrode with built in temperature sensor - Glass - EpHG07
Temperature Electrode	Built in	Built in

Power : 9V/ 500 mA External adaptor
 Operating Temperature : 15~45°C
 Meter Dimensions (mm): 165 (L) x 190 (D) x 60 (H)
 Meter Weight : 700 g

Optional Accessories : Magnetic Stirrer MS-01,
 Battery backup unit BBEC-01
 Calibration Standards



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FACTORY / NABL LAB



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