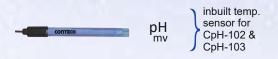
LAB pH METER, PRECISION CpH-102 & CpH-103

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 & seperate temperature sensor for high accuracy pH measurement & automatic temperature compansation.

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	<u>+</u> 0.02pH	<u>+</u> 0.002pH
Temperature compensation	Automatic or Manual	Automatic or Manual
Temperature range	0~100 ^o C	0~100 ^o C
mV Range	<u>+</u> 1999mV	<u>+</u> 1999.9mV
mV Resolution	1mV	0.1mV
mV Accuracy	<u>+</u> 1mV	<u>+</u> 0.5mV
Electrode	pH combination electrode with	pH combination electrode with
	built in temperature sensor	built in temperature sensor-
	- Glass - EpHG07	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



301, Punit Indl. Premises, Turbhe Naka, Navi Mumbai - 400 705.

Tel.: +91 22 6139 3000 (100 lines) E-mail: sales@contechindia.in Website: www.contechindia.com









































FACTORY / NABL LAB

Plot No. EL-221 TTC Indl. Area, MIDC (Electronic Zone),

Mhape, Navi Mumbai - 400 710

