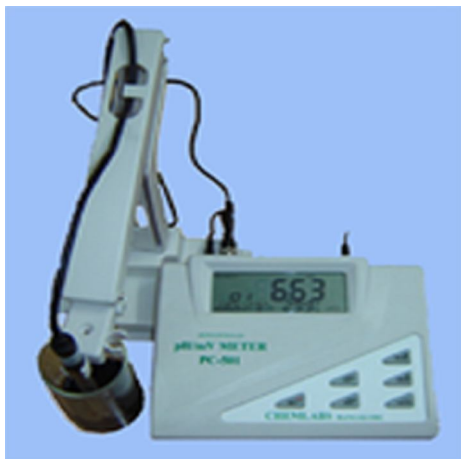


Microcontroller pH/mV Meter

Model PC-501



SPECIAL FEATURES:

- A High Precision **Five Point** Calibration of pH / mV Meter
- Industry Standard NIST and CUST
- Data Storage on the Meter & Computer
- Computer Connectivity : RS 232
- Auto Date and Time increment & display
- Auto Buffer Selection
- **SLOPE** definition for each set of buffers

SOFTWARE SPECIFICATIONS:

- ✓ Continuous Graphical Representation of pH, mV and Temp.
- ✓ User Selectable Sampling Data recording interval
- ✓ Histogram representation of pH, mV & TpH with standard deviation over a time frame.
- ✓ Statistical presentation with Date & time

SPECIFICATIONS:

pH Range	0 to 14 pH
Resolution	± 0.01 pH
Accuracy	± 0.01 pH
Calibration	5 Points / NIST – 1.68, 4.01, 6.86, 9.18, 12.45 buffers CUST – User Settable, 5 buffers
mV Range	-1000 to +1000 mV
Resolution	±0.1 mV
Accuracy	± 0.1 mV (upto 199.9 mV); 1 mV (for above 200 mV)
Temperature Correction	Auto Temperature Correction with built-in or built-out temperature probe. Manual Temperature correction.
Computer Connectivity	RS-232 connection with Software for Data transfer, Review and Printout from Computer / Online monitoring of pH with Time and Date
Recorder Output	Analog signal output for Direct recording on a Recorder
Display	Multiparameters (pH, mV, °C/°F) pH Value, mV Value, Degree Centigrade (°C), Degree Fahrenheit (°F)
Electrode	pH Combination Type, Option for Reference Electrode, Self Diagnosis for Auto indication for Electrode Status, Built-in Temperature Probe

CHEMLABS

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