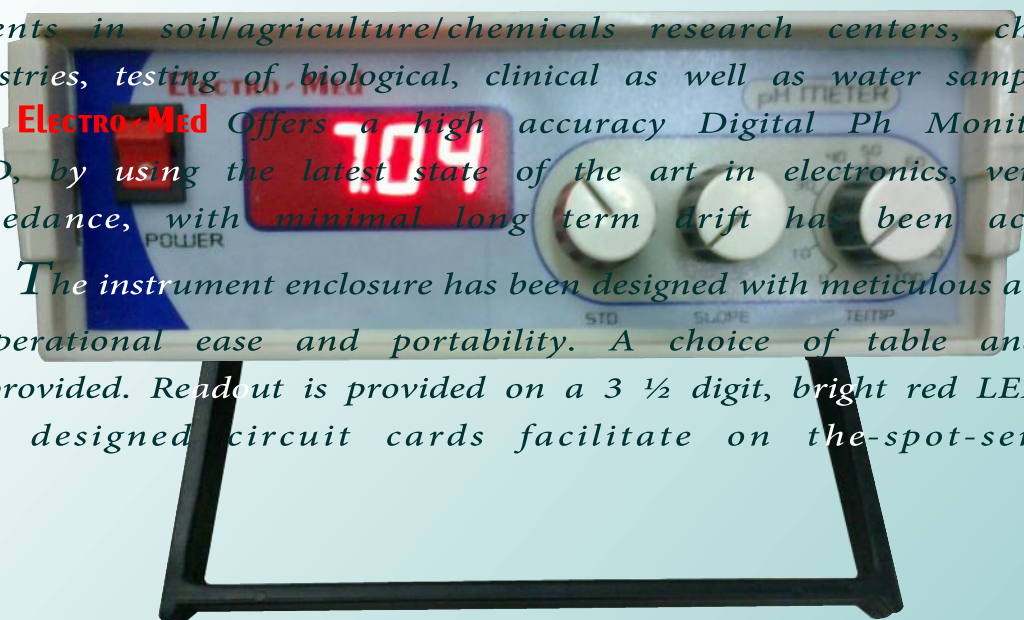


# DIGITAL pH METER

Monitoring of pH (Potential concentration of Hydrogen ions) of a solution is a vital importance in chemistry. It requires precise measurements in soil/agriculture/chemicals research centers, chemical based industries, testing of biological, clinical as well as water samples etc.

**ELECTRO-Med** Offers a high accuracy Digital Ph Monitor the EPH-100 D, by using the latest state of the art in electronics, very high input impedance, with minimal long term drift has been achieved.

The instrument enclosure has been designed with meticulous attention towards operational ease and portability. A choice of table and field models is provided. Readout is provided on a 3 ½ digit, bright red LED/LCD. Computer designed circuit cards facilitate on the-spot-servicing



## SPECIFICATIONS

Readout	:	3 ½ digit, 12 mm bright red LED/LCD with automatic decimal placement
Range	pH :	0 - 14 pH
	mV :	- 1999 mV to + 1999 mV (optional)
Accuracy	:	± 1mV ± 1 count
Temperature Compensation:		0-100° C Manual
Input Impedance	:	10 <sup>12</sup> ohms
Resolution	:	0.01 pH; 1mV
Input Power	:	230 Volts ± 15 %, 50 Hz/9 Volt DC
Operating Temperature:		0 - 50° C
Options	:	Analog recorder output facility
Accessories	:	pH electrodes, buffer tablets

**ELECTRO-Med**

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