



SPECTRONICS INDIA


AN ISO 9001:2015 &
CE CERTIFIED COMPANY

MODEL 144

MICROPROCESSOR pH/mV/TEMP METER

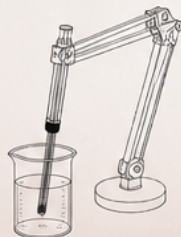
The diverse range of Microcontroller Based Digital pH Meter catered by us is of top-notch quality and is manufactured using quality raw material and advanced technology. Our experts and engineers are capable enough to maintain pace with the latest trend of the marketplace. Further, we can custom design the range as per the specifications of the clients in the stipulated time frame.

SALIENT FEATURES

-  16 x 2 LINES LCD DISPLAY
-  MEASURES pH, mV & TEMP.
-  AUTO BUFFER RECOGNITION FACILITY
-  STORAGE UPTO 1000 SAMPLES
-  PRINTER ATTACHMENT FACILITY
-  AVAILABLE IN 2 POINT OR 3 POINT OR 5 POINT CALIBRATION AS PER REQUIREMENT.

ACCESSORIES

- Combined pH Electrode
- Instruction Manual
- Buffer Solutions
- Dust cover
- Electrode Stand
- Temp Probe



SPECIFICATIONS

Function	pH or mV & temperature simultaneously
Display	Digital Display with 16 character x 2 lines Alphanumeric BL LCD.
Power supply	230 V \pm 10% 50 Hz AC
pH	
Range	0 to 14 pH
Resolution	0.01 pH
Accuracy	\pm 0.01 pH \pm 1 digit
Slope adjustment	80% to 120% By default 100%
Temp. compensation	0 to 100 °C Auto with temp probe / Manual with keys
Auto buffer recognition	4.00 pH, 7.00 pH, 9.20 pH
Calibration	Auto as manual, 3 point / 2 point (Programmable)
mV	
Range	-1999 mV to +1999 mV
Resolution	1 mV
Accuracy	\pm 0.1% \pm 1 digit
Calibration	Three point manual
Temperature	
Range	-50.0 °C to 200 °C
Resolution	0.1 °C
Accuracy	\pm 0.1% of range \pm 1 digit
Calibration	Three point manual
Sensors	Pt100 probe
Data entry	By six soft touch keys with audible sound
Storage	1000 samples
Real time display	24 Hour mode with Date
Interface	RS-232, Centronics & computer
Print format	All Data & Date Wise (Programmable)
Digital output	Serial RS-232 Parallel Centronics (Programmable)
Error Indication	pH ERROR, ORP ERROR, CAL ERROR & T-ERROR