

Digital pH Meter

pH Meter

101, 111 & 112



Advantages

- Measures pH & mV (101 & 111)
- Highly Stable and Accurate
- Auto Temperature Compensation Facility (101)
- 3½ Digit Display
- Auto Polarity & Decimal Indication
- Battery & Mains Operated Available

1 Year Warranty

Digital pH Meters are ideal instruments for determination of pH value of any aqueous solution. The results are displayed on a 3½ digit display. These are unique instruments that combine convenience with accuracy and precision in analysis. The temperature compensation facility, both automatic and manual is available. The measurement range is from 0 to 14 pH with a resolution of 0.01 pH.

These are extremely useful instruments for agriculture and soil analysis laboratories, swimming pools, fertilizer plants, chemical industries, pharmaceutical industries, petroleum refineries, textile plants etc.



Digital pH Meter

Technical Data

MODEL	101	111	112
DISPLAY	3 ½ Digit LED	3 ½ Digit LED	3 ½ Digit LED
RANGE	pH 0 to 14.00 mV 0 to ±1999	0 to 14.00 0 to ±1999	0 to 14.00 —
RESOLUTION	pH 0.01 mV 1	0.01 1	0.01 —
ACCURACY	pH ± 0.01 pH mV ± 1 mV	± 0.01 pH ± 1 mV	± 0.01 pH —
TEMPERATURE COMPENSATION	Auto : 0 to 100° C Manual : 0 to 100°C	Manual : 0 to 100°C	Manual : 0 to 100°C
INPUT IMPEDENCE	> 10 ¹³ ohms	> 10 ¹³ ohms	> 10 ¹¹ ohms
SLOPE CONTROL	80 to 120%	80 to 120%	80 to 120%
RECORDER OUTPUT	0 to 10 mV/pH 0 to 10 mV/100 mV Adjustable	0 to 10 mV/pH 0 to 10 mV/100 mV Adjustable	—
POWER	230 V±10% AC, 50Hz	230 V±10% AC, 50Hz	230 V±10% AC, 50Hz
DIMENSIONS	275 x 175 x 76 mm	275 x 175 x 76 mm	265 x 160 x 90 mm
SENSOR	Combined pH Electrode Temperature Probe	Combined pH Electrode	Combined pH Electrode
ACCESSORIES	* Combination pH Electrode * Buffer Tablets 4 pH & 7 pH * Operation Manual * Buffer Bottles (4 & 7 pH) * Temp. Probe (101E) * Dust Cover * Electrode Stand		

Specifications are subject to change due to continuous improvements

Product Range

Semi Auto Analyser, Single Beam and double Beam UV/VIS Spectrophotometer, Flame Photometers, Haemoglobin Meter, Digital pH, Meter, Digital Photo Fluorometer, Digital Conductivity Meter, Digital Photo Colorimeter, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus Tablet Dissolution Test Apparatus, Melting Point Apparatus, Student Microscope, Binocular microscope, Medical Microscope, Co-Axial Microscope.