

Digital pH Meter

101 & 111

Advantages

- Measures pH & mV
- Highly Accurate using Microcontroller
- Auto Temperature Compensation Facility (101 only)
- Auto Buffer Recognition
- One Touch Calibration
- Soft Touch Keys
- Up to 3 point Calibration



1 Year
Warranty

Digital pH Meters model 101 and model 111 are ideal instruments for determination of pH and mV value of any aqueous solution. They use the latest microcontroller technology to provide the most accurate readings on the 3½ digit display. The instruments can be calibrated using up to 3 point calibration on the click of a key. They have the facility of auto buffer recognition. The calibration is retained in the memory even after the instrument is switched off thereby eliminating the need for frequent calibrations as in conventional instruments. The temperature compensation facility, both automatic and manual is available in model 101. 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

		Deluxe pH Meter	Digital pH Meter
MODEL		101	111
DISPLAY		3 ½ Digit LED	3 ½ Digit LED
RANGE	pH	0 to 14.00	0 to 14.00
	mV	0 to ±1999	0 to ±1999
	°C	0 - 100°C	-
RESOLUTION	pH	0.01	0.01
	mV	1	1
	°C	0.1	-
ACCURACY	pH	± 0.01 pH	± 0.01 pH
	mV	± 1 mV	± 1 mV
	°C	± 0.1°C ± 1 digit	--
TEMPERATURE COMPENSATION		Auto : 0 to 100°C Manual : 0 to 100°C	Manual : 0 to 100°C
INPUT IMPEDENCE		> 10 ¹³ ohms	> 10 ¹³ ohms
SLOPE CONTROL		80 to 120%	80 to 120%
POWER		12V DC using Adapter 110 to 250V AC, 50 Hz	12V DC using Adapter 110 to 250V AC, 50 Hz
DIMENSIONS		270 x 202 x 80 mm (l x b x h)	270 x 202 x 80 mm (l x b x h)
WEIGHT		0.8 Kg approx.	0.8 Kg approx.
SENSOR		Combined pH Electrode Temperature Probe	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	

Note: Specifications are subject to change without notice due to continuous developments.

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.



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