

# Microprocessor Based pH Meter

1010



## Features

- Measure pH, mV & Temperature
- Highly Accurate & Easy to Operate
- Auto Temperature Compensation Facility
- 7 Segment Bright Red LED Display
- Soft touch membrane keys

1 Year  
Warranty

Microprocessor Based pH Meter Model 1010 is general purpose pH meter with 7 segment LED display. It is designed to provide the precise pH, mV and temperature measurements. It has auto buffer recognition for 4.00, 7.00 and 9.2 pH buffer and auto 2 or 3 points buffer calibration. The system has 6 soft touch membrane type keys for ease of operation. The calibration is retained even after the instrument is switched OFF.

The instrument is extremely useful for agricultural and soil analysis laboratories, swimming pools, water quality control in boiler feed water, water works department, fertilizer plants, petroleum refineries, breweries, water purification plants etc.



## μp Based pH Meter

### Technical Data

MODEL	1010
pH	
RANGE	-2.00 to 20.00 pH
RESOLUTION	0.01pH
ACCURACY	± 0.01 pH ± 1 Digital
mV	
RANGE	0 to ± 1999
RESOLUTION	1 mV
ACCURACY	± 1 mV ± 1 Digit
TEMPERATURE	
RANGE	-5 to 110 °C
RESOLUTION	0.1 °C
ACCURACY	±1°C
STORAGE	—
DISPLAY	3 Digit LED
PRINTER ATTACHEMENT	—
TEMP. SENSOR	Semi-Conductor
AUTO BUFFER RECOGIZATION	4.00, 7.00 & 9.20 pH
CALIBRATION	Auto (2 or 3 Points)
TEMPERATURE COMPENSATION	0 to 100 °C Auto/Manual
POWER	230V ± 10% AC, 50 Hz
WEIGHT	0.8 Kg(Approx)
DIMENSIONS	270 x 202 x 80mm (LxBxH)
ELECTRODE SLOPE	0.8 Kg. (Approx.)
ACCESSORIES	Combined pH Electrode, Temperature Probe, Dust Cover, Instruction Manual, Electrode Stand Buffer Tablets 4 & 7 pH & Main Lead

### 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.

Note:- Packaging in shock proof Styrofoam packing inside an attractive and thick plywood storage box

**ENVIRONMENTAL  
AND SCIENTIFIC  
INSTRUMENTS CO.**

AN ISO 9001 : 2015 CERTIFIED CO.

