

# Microprocessor Based pH Meter

1015

## Advantages

- Measures pH, mV, Temperature
- 5 Point Calibration
- 16 x 2 line Alphanumeric LCD with backlit
- Auto Buffer Recognition Facility
- Storage Up to 999 Samples
- Attachment for Centronics Dot Matrix Printer



1 Year  
Warranty

MICROPROCESSOR BASED PH METER – 1015 is a solid state instrument designed to provide the precise pH and mV measurements. The instrument uses the latest Microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility. The system has user friendly prompts which guide you through out the measurement process.

The system has 8 soft touch membrane type keys for ease of operation. It has facility for doing upto 5 point calibration. It has the storage facility for 999 samples, which are retained in the memory even when the system is switched OFF. Provision has also been provided for attachment of centronics dot matrix printer so that any of the stored results can be printed.

The instrument is extremely useful for agriculture 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.

## Technical Data

<b>pH</b>	
Range	-2.000 to 20.000 pH
Resolution	Selectable – 0.1, 0.01, 0.001 pH
Accuracy	± 0.002 pH ± 1 digit
Calibration	Auto & Manual with 5-points Calibration
Auto Buffer Recognition	1.680, 4.000, 7.000, 9.200 & 12.450 pH or User Selectable
Relative Stability	± 0.002 pH/Hour
Temperature Compensation	0 – 110 °C Auto/Manual
<b>mV</b>	
Range	0 - ± 1999.9 mV
Resolution	0.1 mV
Accuracy	± 0.1 mV, ± 1 digit
<b>Temperature</b>	
Range	-10 to 110 °C
Resolution	0.1 °C
Accuracy	±0.1 °C
Sensor	Semi Conductor Type
<b>Power Supply</b>	230V ± 10% AC,50 Hz.
<b>Printer Interface</b>	Dot-Matrix Printer with Centronics Interface facility
<b>Accessories</b>	Combination pH Electrode, Temperature Probe, Buffer Tablets 4 pH & 7pH, Electrode Stand, Mains Lead, Instruction Manual, Dust Cover

## Product Range

Semi Auto Analyser, Double Beam UV/VIS Spectrophotometer, Single Beam UV/VIS Spectrophotometer, Flame Photometer, Haemoglobin Meter, Photo Colorimeter, pH Meter, Conductivity Meter, TDS Meter, DO Meter, Salinity Meter, Turbidity Meter, Nephelometer, Colony Counter, Karl Fischer Moisture Titrator, Fluorometer, Dissolution Test Apparatus, Disintegration Test Apparatus, Friability Apparatus, Melting Point Apparatus, Bulk Density Apparatus, Telethermometer, Temperature Indicator, Water & Soil Analysis Kit, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Student Microscope, Binocular Microscope, Medical Microscope, Co-Axial Microscope.