Microprocessor Based
pH-EC Meter
pH-EC Meter

1611

Features

- 128 x 64 dots Graphical LCD Display
- pH, EC,TDS & Temperature Measurements
- Auto Temperature Compensation
- Auto Buffer Recognition in pH Modes
- Auto Ranging Facility in EC/TDS Modes
- Programmable Ref. Temp & Temp. Coeff in EC Mode
- 1000 Samples Storage Facility
- Printer Attachment Facility

1 Year Warranty

Microprocessor Based pH-EC Meter model 1611 is a solid state instrument designed for precise pH, EC and Temperature measurements. The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enchanced accuracy and reproducibility. The system has user friendly prompts, which guide you throughout the measurement process.

The instrument has 8 soft touch membrane type keys for ease of operation. It has the storage facility for 1000 samples, which are retained in the memory even when the system is switched Off. Provision has also been made for attachment of any dot matrix/thermal printer with serial RS232 interface so that any of the stored result can be printed.

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

ENVIRONMENTAL AND SCIENTIFIC INSTRUMENTS CO.

AN ISO 9001 : 2015 CERTIFIED CO.

Technical Data

PARAMETER	pH	CONDUCTIVITY (EC)	TEMPERATURE
RANGE SELECTION	----	Automatic	----
RANGE	-2.00 to 20.00pH	0-20, 0-200 µS 0-2, 0-20, 0-200 mS	-5 to110°C
ACCURACY	0.01pH ± 1 Digit	± 0.5% FS ± 1 Digit	± 0.1°C
RESOLUTION	0.01pH	0.01 µS	0.1°C
CELL CONSTANT	----	Adjustable (0.05-10.5)	----
TEMPERATURE COMPENSATION	Auto/Manual (0-100°C)	Auto/Manual (0 - 50°C)	----
TEMPERATURE COEFFICIENT	----	Adjustable (0.1- 4.0%)	----
AUTO BUFFER RECOGNITION	4.00, 7.00, 9.20 pH	----	----
READOUT	128 x 64 dots Graphical LCD Display		
STORAGE	up to 1000 Samples		
KEY BOARD	8 Soft touch membrane type keys		
PRINTER INTERFACE	Through RS 232 for serial printer using 80 column Dot Matrix/Thermal Printer		
POWER	12V DC using 230V ± 10% AC Adaptor		
WEIGHT	0.8 Kg (Approx)		
DIMENSIONS (L x B x H)	Instrument : 270 x 202 x 80 mm (Approx.)		
ACCESSORIES	pH Combination Electrode, pH Buffer Tablets (4.00 & 7.00 pH), Conductivity Cell, Temperature Probe, Electrode Stand, Dust Cover, Instruction Manual, 12V Adaptor		

Note: Specifications are subject to change due to continuous improvements.

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, 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.