

1615

Microprocessor Based pH-EC-TDS Meter



1 Year
Warranty

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

Microprocessor Based pH-EC-TDS Meter model 1615 is a solid state instrument designed for precise pH, EC, TDS and Temperature 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 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 RS 232 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.

µp Based pH-EC-TDS Meter 1615

Technical Data

PARAMETER	pH	CONDUCTIVITY (EC)	TDS	TEMPERATURE
RANGE SELECTION	----	Automatic	Automatic	----
RANGE	-2.00 to 20.00pH	0-20, 0-200 µS 0-2, 0-20, 0-200 mS	0-20, 0-200 ppm 0-2, 0-20, 0-200 ppt	(-5 to 110 °C)
ACCURACY	0.01pH ± 1 Digit	± 0.5% FS ± 1 Digit	± 0.5% FS ± 1 Digit	± 0.1°C
RESOLUTION	0.01pH	0.01 µS	0.01 ppm	0.1°C
CELL CONSTANT	----	Adjustable (0.05-10.5)	Adjustable (0.05-10.5)	----
TEMPERATURE COMPENSATION	Auto/Manual (0 - 100 °C)	Auto/Manual (0 - 50 °C)	Auto/Manual (0 - 50 °C)	----
TEMPERATURE COEFFICIENT	----	Adjustable (0.1- 4.0%)	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	230V ± 10% AC, 50 Hz			
WEIGHT	0.8 Kg (Approx)			
DIMENSIONS	Instrument : 270 x 202 x 80 mm (L x W x H)			
ACCESSORIES	pH Combination Electrode, pH Buffer Tablets (4.00 & 7.00 pH), Conductivity/TDS 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.