

Microprocessor Based Conductivity/TDS Meter

1601



1 Year
Warranty

Microprocessor Based Conductivity/TDS Meter Model 1601 is a solid state instrument designed for precise Conductivity, 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 90 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 printer with centronics 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.

- 16x2 Line LCD Display
- Auto Temperature Compensation
- Auto Ranging Facility
- 90 Samples Storage Facility
- Printer Attachment Facility
- Conductivity, TDS & Temp. Measurements



μp Based Conductivity/TDS Meter

Technical Data

| PARAMETER | CONDUCTIVITY | TDS | TEMPERATURE |
|--------------------------|--|---|-------------|
| RANGE SELECTION | Automatic | Automatic | ---- |
| RANGE | 0-20, 0-200 μS 0-2, 0-20, 0-200 mS | 0-20, 0-200 ppm 0-2, 0-20, 0-200 ppt | 0-100°C |
| ACCURACY | ± 0.5% Fs ± 1 Digit | ± 1% Fs ± 1 Digit | ± 0.1°C |
| RESOLUTION | 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 (0-50°C) | Auto/Manual (0-50°C) | ---- |
| TEMPERATURE COEFFICIENT | Adjustable (0.1- 4.0%) | Adjustable (0.1- 4.0%) | ---- |
| READOUT | 16x2 Line Alphanumeric LCD Display | | |
| STORAGE | up to 90 Samples | | |
| KEY BOARD | 8 Soft touches membrane type keys | | |
| PRINTER INTERFACE | Dot-Matrix Printer with Centronics Interface facility | | |
| POWER | 230V ± 10% AC, 50 Hz | | |
| WEIGHT | 2.5 Kg (Approx) | | |
| DIMENSIONS | INS Instrument : 275 x 135 x 85mm (L x W x H) Packing Box : 320 x 303 x 267mm (L x W x H) | | |
| ACCESSORIES | Conductivity/TDS cell, Temperature Probe, Dust Cover, Instruction Manual | | |

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 Titrimer, 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