

1602

Features

- 128x64 dots Graphical LCD Display
- Auto Ranging Facility
- Auto Temperature Compensation
- 1000 Samples Storage Facility
- Printer Attachment Facility
- EC, TDS, Salinity & Temp. Measurements

Microprocessor Based EC-TDS-Sal Meter EC-TDS-Sal Meter



1 Year
Warranty

Microprocessor Based EC-TDS-Sal Meter model 1602 is a solid state instrument designed for precise EC, TDS, Salinity 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 printer /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 an 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 EC-TDS-Sal Meter

Technical Data

PARAMETER	CONDUCTIVITY(EC)	TDS	SALINITY	TEMPERATURE
RANGE SELECTION	Automatic	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	0-20, 0-200 ppm 0-2, 0-20, 0-50 ppt	0-100°C
ACCURACY	± 0.5% FS ± 1 Digit	± 0.5% FS ± 1 Digit	±1% of Range ±1 Digit	± 0.1°C
RESOLUTION	0.01 µS	0.01 ppm	0.01 ppm	0.1°C
CELL CONSTANT	Adjustable (0.05-10.5)	Adjustable (0.05-10.5)	Adjustable (0.05-10.5)	----
TEMPERATURE COMPENSATION	Auto/Manual (0-50°C)	Auto/Manual (0-50°C)	Auto/Manual (0-50°C)	----
TEMPERATURE COEFFICIENT	Adjustable (0.1- 4.0%)	Adjustable (0.1- 4.0%)	Adjustable (0.1- 4.0%)	----
READOUT	128x64 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 printer			
POWER	230V ± 10% AC, 50 Hz			
WEIGHT	0.8 Kg (Approx)			
DIMENSIONS	270 x 202 x 80mm (L x B x H) Approx.			
ACCESSORIES	Conductivity Cell(Cell Constant 1.00 Approx.), Temperature Probe, Electrode Stand, Main Lead, 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.