Microprocessor Based Conductivity/TDS Meter

1601

Features

- Conductivity, TDS & Temperature Measurements
- TDS in Water/Aqueous
- 128x64 dots graphical LCD Display
- Auto Temperature Compensation Facility
- Auto Ranging Facility
- Programmable Ref. Temp & Temp. Coefficent
- 1000 Sample Storage Facility
- Printer Attachment Facility

1 Year Warranty

Microprocessor Based Conductivity/TDS Meter Model 1601is 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 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 ant 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.

ESICO INTERNATIONAL
AN ISO 9001 - 2015 CERTIFIED CO.

Technical Data

PARAMETER	CONDUCTIVITY	TDS	TEMPERATURE
RANGE SELECTION	Automatic	Automatic	----
RANGE	0-2,0-20, 0-200 µS 0-2, 0-20, 0-200 mS	0-2,0-20 , 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%)	----
DISPLAY	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	2.5 Kg (Approx)		
DIMENSIONS	270 x202 x 80mm (LxBxH)		
ACCESSORIES	Conductivity/TDS Cell (Cell Constant 1.00 Approx.), Temperature Probe, Cell Stand/Clamp, Mains Lead, Instruction Manual, Dust Cover		

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.

ESICO INTERNATIONAL
AN ISO 9001 - 2015 CERTIFIED CO.