

Microprocessor Tap Density Tester

DESCRIPTION:

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 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 resu It 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.

ADVANTAGES:

1. Complies with USP, IP specifications
2. Extremely useful for pharmaceutical labs
3. Microprocessor based, easy to use
4. 20 x 4 line alphanumeric LCD display with backlit
5. 16 Soft touch membrane type keys
6. Independent programmable setups for User & USP mode with storage
7. Rs232 Printer attachment facility
8. Automatically calculate result parameters like Tap Density, Initial Density, Compressibility Index and Hausner Ratio





TECHNICAL SPECIFICATIONS:

Test Methods	USP - I & USP - II
No. of Stations	2
Display	20 x 4 Alphanumeric LCD
Keyboard	16 Soft touch membrane keys, alphanumeric mobile keypad
Tap Height	USP-I: 14mm \pm 2mm, USP-II: 3mm \pm 0.2mm
Taps/Minute	USP-I: 300 \pm 15, USP-II: 250 \pm 15
No. of Tap Counts	1 to 9999
Type of Drive	Direct Drive with Stepper Motor
Printer	Attachment of RS232 printer with Serial interface
Standard Accessories	Cylinders 100 & 250ml (1 each) Cylinder holders for 100 & 250ml (1 each)
Electrical Supply	230 V AC \pm 10%, 50/60 Hz, 44VA
Dimensions (wXhXd)	360x340x190 mm without holder
Weight	15 Kgs

PRODUCT RANGE:

Semi Auto Analyser, Double Beam UVNIS Spectrophotometer, Single Beam UVNIS 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, Bulk Density 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



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