

Digital TDS Meter

651, 652

Advantages

- Microcontroller Based
- Auto Ranging Facility
- Auto Cell Constant Measurement
- 3½ Digit Display
- Measures TDS and Temperature (model 652 only)
- Automatic Temperature Compensation (model 652 only)



1 Year
Warranty

Ei's Deluxe TDS Meter and Digital TDS Meters are accurate test instruments for measurement of TDS of aqueous solutions. They use the latest microcontroller technology to measure the TDS in five ranges from 200ppm to 1000ppt. The appropriate range is automatically selected by the instrument. The Resolution is 0.1 ppm in the lowest range. The cell constant is flashed on a digital display and can be adjusted from the front panel. Facility is also provided for automatic measurement of cell constant with a known standard solution. The auto temperature compensation facility is available in model 652 using the temperature probe.

These instruments are ideal for monitoring salt contents in water and soluble salts in soils. They are extremely useful instruments for agriculture and soil analysis lab, swimming pools, fertilizer plants, mineral water plants, petroleum refineries, textile plants etc



Digital TDS Meter

Technical Data

	Deluxe TDS Meter	Digital TDS Meter
MODEL	652	651
DISPLAY	3½ Digit Bright Red LED Display	
MEASUREMENT	TDS and Temperature	TDS
RANGES	0 - 200 ppm, 0 - 2.000 ppt, 0 - 20.00 ppt, 0 - 200.0 ppt, 0 - 1000 ppt	
RANGE SELECTION	Automatic	
RESOLUTION	TDS : 0.1 ppm Temp: 0.1°C	TDS : 0.1 ppm
ACCURACY	TDS : ±0.5 % FS ± 1Digit Temp: ±0.1°C ± 1Digit	TDS : ±0.5 % FS ± 1Digit
TEMPERATURE COMPENSATION	Auto/Manual : 0 to 50°C	Manual : 0 to 50°C
CELL CONSTANT	Adjustable on Digital Display	Adjustable on Digital Display
AUTO CELL CONSTANT	Available using any standard solution	
MEASURING CELL	Platinum DIP Type	
DIMENSIONS	270 x 202 x 80 mm (l x b x h approx.)	
WEIGHT	0.8 Kg approx.	
ACCESSORIES	TDS Cell , Operation Manual, Cell Stand, Dust Cover, 12V Adaptor	
POWER	12V DC using 230±10% AC Adaptor	

Note: All TDS Meters are supplied with TDS Cell having cell constant of 1.0 approximately. Specifications are subject to change without notice due to continuous developments.

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 Titrimeter, 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.