

Digital Conductivity Meter

601,602,611

Advantages

- Microcontroller Based
- Highly Stable & Accurate
- Auto Ranging Facility
- Cell Constant Measurement and Adjustment Facility
- 3½ Digit Display
- Automatic Temperature Compensation Facility



1 Year Warranty

El's Digital Conductivity Meters are reliable and accurate test instruments for measurement of Conductivity of aqueous solutions. They measure Conductivity and TDS in five ranges. The Resolution is $0.1 \mu\text{S}/\text{cm}$ and 0.1 ppm respectively, in the lowest range. The cell constant is flashed on a digital display & can be adjusted from the front panel. The instruments have the "Check" facility to calibrate the instrument.

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 labs, swimming pools, fertilizer plants, petroleum refineries, textile plants etc.



Digital conductivity Meter

Technical Data

MODEL	601	602	611 TABLE MODEL
DISPLAY	3½ Digit LED	3½ Digit LED	3½ Digit LED
MEASUREMENT	Conductivity&Temperature	Conductivity&Temperature	Conductivity
RANGES	Five Ranges 0 - 200 μ S/cm 0 - 2 mS/cm 0 - 20 mS/cm 0 - 200 mS/cm 0 - 1000 mS/cm	Six Ranges 0 - 20 μ S/cm 0 - 200 μ S/cm 0 - 2 mS/cm 0 - 20 mS/cm 0 - 200 mS/cm 0 - 1000 mS/cm	Five Ranges 0 - 200 μ S/cm 0 - 2 mS/cm 0 - 20 mS/cm 0 - 200 mS/cm 0 - 1000 mS/cm
RANGE SELECTION	Automatic in 5 Ranges	Automatic in 6 Ranges	Automatic in 5 Ranges
ACCURACY	Cond. $\pm 0.5\%$ FS ± 1 Digit Temp. $\pm 0.1^\circ\text{C} \pm 1$ Digit	$\pm 0.5\%$ FS ± 1 Digit $\pm 0.1^\circ\text{C} \pm 1$ Digit	$\pm 0.5\%$ FS ± 1 Digit -
TEMPERATURE COMPENSATION	Auto : 0 to 50 ^o C Manual : 0 to 50 ^o C	Auto : 0 to 50 ^o C Manual : 0 to 50 ^o C	Manual : 0 to 50 ^o C
CELL CONSTANT	Adjustable on Digital Display	Adjustable on Digital Display	Adjustable on Digital Display
AUTO CELL CONSTANT MEASUREMENT	Available	Available	Available
MEASURING CELL	Platinum DIP Type	Platinum DIP Type	Platinum DIP Type
RESOLUTION	Cond. 0.1 μ S/cm Temp. 0.1 ^o C	0.1 μ S/cm 0.1 ^o C	0.1 μ S/cm --
POWER	12V DC using Adapter 110 to 250V AC,50 Hz	12V DC using Adapter 110 to 250V AC,50 Hz	12V DC using Adapter 110 to 250V AC,50 Hz
DIMENSIONS	270x202x80 mm (lxbxh)	270x202x80 mm (lxbxh)	270x202x80 mm (lxbxh)
WEIGHT	0.8 Kg approx.	0.8 Kg approx.	0.8 Kg approx.
ACCESSORIES	Conductivity Cell, Operation Manual, Dust Cover, Cell Stand, Temperature Probe (with models 602 and 601)		

Note: All Conductivity 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.