

Digital Conductivity Meter

Features

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



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..

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.

Specifications

Model	RS 601	RS 602	RS 611
Display	3½ Digit LED		
Measurement	Conductivity & Temperature	Conductivity & Temperature	Conductivity
Ranges	Five Ranges 0 - 200 µS/cm 0 - 2 mS/cm 0 - 20 mS/cm 0 - 200 mS/cm 0 - 1000 mS/cm	Six Ranges 0 - 20 µS/cm 0 - 200 µS/cm 0 - 2 mS/cm 0 - 20 mS/cm 0 - 200 mS/cm 0 - 1000 mS/cm	Five Ranges 0 - 200 µS/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
Temperature Range	0 to 100 °C	0 to 100 °C	0 to 100 °C
Accuracy Cond. Temp.	±0.5 % FS ± 1Digit Temp: ±0.1°C ± 1Digit	±0.5 % FS ± 1Digit ±0.1°C ± 1Digit	±0.5 % FS ± 1Digit
Temperature Compensation	Auto : 0 to 50 °C Manual : 0 to 50 °C	Auto : 0 to 50 °C Manual : 0 to 50 °C	Manual: 0 to 50 °C
Cell constant	Adjustable on Digital Display		
Measuring Cell	Platinum DIP Type		
Auto Cell Constant Measurement	Available	Available	Available
Resolution Cond. Temp.	0.1 µS/cm 0.1°C	0.01 µS/cm 0.1°C	0.1 µS/cm
Power	12V DC using 230V ± 10% AC Adapter		
Dimensions	270x202x80 mm (lxbxh)		
Weight	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 cells having cell constant of 1.0 approximately. Specifications are subject to change without notice due to continuous developments.

