

**Product Name :**  
Digital Conductivity TDS/Meter

**Product Code :**  
ELAB-ELC0012



## Description :

Digital Conductivity TDS/Meter

## Technical Specification :

Digital Conductivity TDS/Meter

Features:-

Microcontroller Based

Measures Conductivity and TDS

Auto Ranging Facility

Auto Cell Constant Measurement

3½ Digit Display

Digital Conductivity/TDS Meter is an accurate test instruments for measurement of Conductivity and TDS of aqueous solutions.

It uses the latest microcontroller technology to measure the Conductivity from 200 $\mu$ S to 1000 $\mu$ S and TDS from 200ppm to 1000ppt in 5 ranges respectively.

The appropriate range is automatically selected by the instrument.

The Resolution is 0.1 $\mu$ S for Conductivity and 0.1 ppm for TDS 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.

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.

Specifications:-

Parameter	Conductivity	TDS
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Display	3½ Digit Bright Red LED Display	
Ranges	Five Ranges 0 - 200 $\mu$ S/cm 0 - 2 mS/cm 0 - 20 mS/cm 0 - 200 mS/cm 0 - 1000 mS/cm	Five Ranges 0 - 200 ppm 0 - 2 ppt 0 - 20 ppt 0 - 200 ppt 0 - 1000 ppt
Range Selection	Automatic	
Resolution	0.1 $\mu$ S/cm in lowest range	0.1 ppm in lowest range
Accuracy	$\pm 0.5\%$ FS $\pm 1$ Digit	
Cell constant	Adjustable on Digital Display	
Temperature Compensation	Manual : 0 to 50°C	
Auto Cell Constant Measurement	Available using any standard solution	
Measuring Cell	Platinum DIP Type	
Power	12V DC using Adapter 110 to 250V AC, 50 Hz	
Dimensions	270 x 202 x 80 mm (l x b x h approx.)	
Weight	0.8 Kg approx.	
Accessories	Conductivity/TDS Cell , Operation Manual, Cell Stand, Dust Cover, 12V Adapter	

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