TOPLAB INDIA
"Serving Science with Solution"

Portable Conductivity/TDS Meter

MODEL: TOP-110EC

DESCRIPTION

TOPLAB INDIA'S TOP-110EC Microprocessor based Portable Conductivity/TDS Meter is a portable yet highly accurate EC/TDS meter. It is used in all industries as well as commercial and educational institutes for field measurements as well as in-house testing. It has full functionality that matches an expensive EC/TDS meters available in market.

The meter comes with Silicone rubber case, Wristband and calibration buffer solutions.

Advanced Features:

o 3.5 inches, LCD display screen.

o Multi-reading feature allows auto-read and continuous-read.

o Automatic/Manual temperature compensation ensures accurate results.

o Auto-hold feature senses and locks the measurement endpoint.

o Data capacity of up to 200 sets for each parameter.

o Auto-power off feature effectively extends the battery service life.

o Reset feature automatically resumes all settings back to factory default options.

o IP65 waterproof.

o The portable meter is suitable for field measurements and outdoor measurements.

o 1- Point calibration with Standard Recognition.

o Cell constant is selectable.

o Automatic/manual temperature compensation ensures accurate results.

Portable Conductivity/TDS Meter

Technical Specification:

Model		TOP-110EC
Parameters:		EC/TDS/Temp.
Conductivity:	Range:	0.00 µS/cm to 200 mS/cm
	Resolution:	0.01 µS/cm minimum, various with range selection
	Accuracy:	±1.0% FS
	Reference Temperature:	25 ℃
	Calibration Points:	Up to 1
	Standard Recognition:	84µS/cm, 1413µS/cm, 12.88mS/cm
TDS:	Range:	0.00 ppm~300 ppt
	Resolution:	0.01 ppm minimum, various with range selection
	Accuracy:	±1.0%FS
Temperature:	Range:	-5 to 110 ℃
	Unit:	℃
	Resolution:	0.1℃
	Accuracy:	±0.2℃
Measurement:	Reading Mode:	Auto Read, Continuous
	Reading Prompts:	Reading, Stable, Locked
	Temp. Compensation:	ATC, MTC
Data management:	Data Storage:	200 results each
Inputs:	Conductivity with Temp. Probe:	5-pin aviation connector
Display options:	Backlight:	Yes
	Auto Shutdown:	300, 600, 1200, 1800, 3600 sec., off
	IP Rating:	IP65
General:	Power:	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
	Dimensions:	80×255×35 mm
	Weight:	400g

Standard Scope of Supply:

1. TOP-110EC – Main instruments (Portable EC/TDS Meter)
2. Conductivity sensor
3. Temperature sensor
4. Electrode holder
5. Silicone rubber case
6. Wristband
7. 1413µS/cm EC standard solution (50ml)
8. Operation Manual
9. Warranty Card

GMP-compliant qualification for all devices
✓DQ
✓IQ
✓OQ
✓PQ