



Portable EC/TDS Analyzer

ECP-150 portable conductivity meter is a suitable device for measuring electrical conductivity in the range of 0 $\mu\text{S}/\text{cm}$ ~250.0 mS/cm , TDS in the range of 0.1 mg/L ~250 g/L , salinity in the range of 0~80 ppt and resistance in the range of 0 $\Omega \cdot \text{cm}$ ~ 100 $\text{M}\Omega \cdot \text{cm}$ in aqueous solutions, the accuracy of measuring these parameters is automatically determined according to the measurement range. This device also has the ability to measure temperature in the range of -5~105 $^{\circ}\text{C}$ with an accuracy of 0.1 $^{\circ}\text{C}$.

- Temperature measurement in two units $^{\circ}\text{C}$ or $^{\circ}\text{F}$.
- Quick response to changing parameters.
- Easy to use with high accuracy

This conductivity meter is used to measure the conductivity of aqueous solutions (drinking water, urban sewage and industrial effluents, etc.) in the fields of research, environmental protection, industries (control of industrial factories and production lines), mines, etc.

This device has the ability to connect all kinds of sensors from the world's most reliable brands with the standard Mini Din connector. It is also a standard NTC temperature sensor that gives the customer the freedom to choose the desired sensors.

Features

- It has a digital display with the ability to display electrical conductivity, sample temperature, salinity, TDS and resistance.
- IP57 waterproof and lightweight transmitter with standard solutions.
- With the ability to measure the mentioned parameters in ultrapure water and water containing various pollutants.
- Easy single point calibration.
- It has an automatic shutdown system to prevent battery loss.
- Ability to record and save data up to 99 data groups.
- It has a small and light portable bag suitable for carrying in all tested environments.
- very low battery consumption allows the device to perform continuous analysis for several months with four batteries.

ECP-150



Specifications

Measurement range	Conductivity	0.00 $\mu\text{S}/\text{cm}$ ~19.9 mS/cm 20.00 mS/cm ~250.00 mS/cm
	TDS	0.1 mg/L ~19.9 g/L 20.00 g/L ~ 250.00 g/L
	Saltiness	0.0~80.0 ppt
	Resistor	0 $\Omega \cdot \text{cm}$ ~100 $\text{M}\Omega \cdot \text{cm}$
	Temperature	-5~105 $^{\circ}\text{C}$
	Accuracy	/resistance /saltiness /TDS /conduction Automatic classification temperature
Measurement fault Electronics unit	Conduction	± 0.5 % FS
	Temperature	± 0.3 $^{\circ}\text{C}$
calibration	single point	
Power supply	4*AA/LR6(No.5 battery)	
Size/Weight	230×100×35 mm/0.4kg	
Display	LCD	
Body Material	ABS	
Electrode input port	Mini Din	
Data storage	Calibration information 99 measured data sets	
working conditions	5~40 $^{\circ}\text{C}$	temperature
	%5~%80 (non-saturated)	Relative Humidity
	<=2000 m	Above sea level



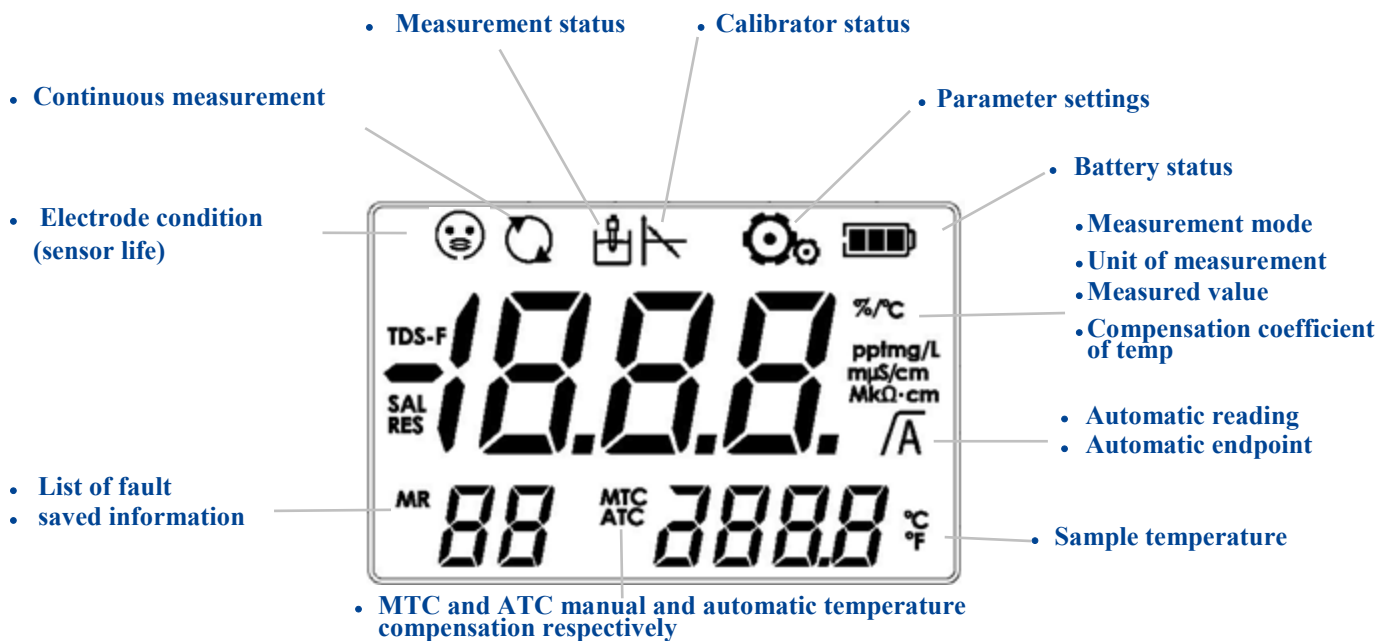
ECP-150

Portable EC/TDS Analyzer

• Unique keyboard features



• Unique screen features



• Device input and output connectors



• Waterproof 7 pin connector

Mini Din