

L-511 Tablet Conductivity Meter



MODEL	L-511	
Conductivity	Measuring range	Conductivity: (0.00 ~ 20.00) $\mu\text{S}/\text{cm}$ (20.0 ~ 200.0) $\mu\text{S}/\text{cm}$ (200 ~ 2000) $\mu\text{S}/\text{cm}$ (2.00 ~ 20.00) mS/cm (20.0 ~ 200.0) mS/cm Resistivity: (0 ~ 100) $\text{M}\Omega\cdot\text{cm}$ TDS: (0 ~ 100) g/L Salinity: (0 ~ 100) ppt
	Resolution	0.01/0.1/1 $\mu\text{S}/\text{cm}$ 0.01/0.1 mS/cm
	Accuracy	Electrode: $\pm 1.0\%$ FS, Instrument: $\pm 1.50\%$ FS
	Temp compensation range	(0 ~ 50) $^{\circ}\text{C}$ (Automatic)
	Electrode constant	0.1/1/10 cm^{-1}
Temperature	Measuring range	0 ~ 100 $^{\circ}\text{C}$
	Resolution	0.1 $^{\circ}\text{C}$
	Accuracy	± 0.5 $^{\circ}\text{C}$
Other technical parameters	Data storage	300 sets
	Power	DC 5V/1A
	Communication connectors	Micro USB and standard USB
	Dimensions & Weight	190*130*10mm/300g
Working conditions	Ambient temperature	(5 ~ 35) $^{\circ}\text{C}$
	Ambient humidity	$\leq 85\%$
	IP grade	IP54

Main Features

- 5 inch LCD screen with wide 150° viewing angle, beautiful and compact design.
- Compact bench and wall cradle with rotary electrode holder to save space in laboratory.
- Small size and portable make it easy to carry and remove in laboratory and outdoors.
- Extendibility: different electrodes can be installed to test pH, conductivity and dissolved oxygen.
- Auto recognition of different electrodes which can automatically store and retrieve calibration data with built-in chip after electrode is connected.
- 3.5 mm jack input for electrodes makes it very easy for electrode connection.
- Two USB interfaces for PC connection, power and data transfer.
- Can store 300 data logs including readings, GLP data, date and time.
- Rechargeable and long lasting battery. Auto shut off if there is no operation in ten minutes.

Specifications

MODEL	L-512
Display	5-inch LCD screen
Parameters	Concentration, saturation, temperature
DO Range	0.00 ~ 20 mg/L (ppm)
Resolution	0.01/0.1
DO Accuracy	±0.3%
DO Saturation	0.0 ~ 600%
Saturation Resolution	0.1%
Saturation Accuracy	±2.0%FS
Temperature Measuring Range	(0 ~ 100) °C
Temperature Resolution	0.1 °C
Temperature Accuracy	5 ~ 60 °C: ±0.5 °C, Others: ±1.0 °C
Temperature compensation range	(0 ~ 50) °C (automatic)
Salinity compensation range	(0.0 ~ 50.0)g/L
Air pressure compensation range	(80 ~ 105) kPa (automatic)
Pressure resolution	1
Pressure Accuracy	±2%
Stability	(±0.07mg/L)/1h
Response time	≤30s (25 °C, 90% response)
Data Storage	300 data logs, external USB storage
Communication Interfaces	Micro USB and standard USB
Working Conditions	Temperature: 5 ~ 40° Humidity: 5 ~ 85%
Power Requirements	DC 5V/1A
Size &Weight	190*130*10mm/300g