

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