



### 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-510                        |                                |
|--------------------|------------------------------|--------------------------------|
| pH                 | Measurement range            | (-2.00 ~ 19.99)pH              |
|                    | Resolution                   | 0.1/0.01 pH                    |
|                    | Accuracy                     | Electrode: $\pm 0.02$ pH       |
|                    | Input current                | $\leq 2 \times 10^{-12}$ A     |
|                    | Input impedance              | $\geq 1 \times 10^{12} \Omega$ |
|                    | Stability                    | $\pm 0.02$ pH/3h               |
|                    | Temperature compensation     | (0 ~ 100)°C (auto or manual )  |
| mV                 | Measurement range(mV/ORP/EH) | -1999.9mV ~ 0 ~ 1999.9mV       |
|                    | Resolution                   | 0.1mV                          |
|                    | Accuracy                     | $\pm 0.03\%$ FS                |
| Temperature        | Range                        | 0°C ~ 100°C                    |
|                    | Resolution                   | 0.1°C                          |
|                    | Accuracy                     | $\pm 0.5$ °C                   |
| Calibration        |                              | 1, 2, 3, point                 |
| Other Parameters   | Data storage                 | 300 sets                       |
|                    | Power                        | DC 5V/1A                       |
|                    | Communication interfaces     | Micro USB and standard USB     |
|                    | Dimensions & Weight          | 190*130*10mm/300g              |
| Working Conditions | Temperature                  | (5 ~ 35)°C                     |
|                    | Humidity                     | $\leq 85\%$                    |
|                    | IP grade                     | IP54                           |