



# T-712 Lab DO Meter

Laboratory bench Dissolved Oxygen meter, which is suitable for aquaculture, water source monitoring, waste water treatment and environmental protection monitoring and other industries, also widely used in education and scientific research fields.



## Main Features

- 7 inch color capacitive screen with high resolution (1024\*600) and sensitivity, which can show more parameters, more intuitive and simpler to read data.
- Auto calibration, auto temperature compensation, data storage, USB data export, clock, wireless printing, function setup, smart self-diagnosis and other intelligent functions.
- English and Chinese operating system, humanized design with adjustable screen brightness.
- Built-in big memory can store 300 sets of test data which can be saved and transferred to USB flash drive and opened with Excel, very easy and convenient for edit.
- DO mode has functions of ATC, auto salinity compensation and auto pressure compensation.
- With optional Bluetooth block and support wireless Bluetooth printing to make operations much easier for users. Optional PC software and cell phone APP.
- New structure polarographic DO electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special DO electrode calibration sleeve, only need 3~5 minutes for polarization.
- Combined diaphragm cap makes it extremely convenient to replace the sensitive membrane just by screwing the new cap to the electrode.
- IP54 dustproof and waterproof.
- Optional real time data transmission to Android cell phone via wireless Bluetooth.
- Bench DO meter is polarographic instrument and suggested to be used with our magnetic stirrer.



## Specifications

MODEL	T-712
Display	7-inch capacitive touch screen
Parameters	Concentration, Saturation, Temperature
DO Range	0.00 ~ 20 mg/L(ppm)
Resolution	0.01/0.1
DO Accuracy	±0.3% ±0.4mg/L
Do Saturation	0.0 ~ 200%
Saturation Resolution	0.1%
Saturation Accuracy	±2.0%FS
Temperature Measuring Range	(-10~110)℃
Temperature Resolution	0.1℃
Temperature Accuracy	±0.5℃
Temperature compensation range	(0~100)℃ (automatic)
Salinity compensation range	(0.0~50.0)g/L
Air pressure compensation range	(80~105)kPa(automatic)
Air pressure resolution	1
Air pressure Accuracy	± 2%
Stability	(±0.07mg/L)1h
Response time	≤30s(25℃, 90% response)
Data Storage	300 sets, USB for huge storage
Communication Interfaces	USB, Bluetooth
Working Conditions	Temperature: 5-40° Humidity: 5-85%
Power Requirements	12V1A(with power adapter)
Size & Weight	240*170*70mm/600g

## Standard Configuration

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|-------------------------------------|----------|
| 1. T-712 DO Meter                   | 1 unit   |
| 2. Composite DO electrode           | 1 pc     |
| 3. Rotary electrode holder          | 1 pc     |
| 4. 12V power adapter for instrument | 1 pc     |
| 5. Membrane cap                     | 3 pcs    |
| 6. DO electrode electrolyte (30ml)  | 1 bottle |
| 7. User manual in USB               | 1 copy   |