



T-721 Precise pH/DO Meter



Precise measurements of pH/DO in fields of biotechnology, aquaculture, power plant and environmental protection, and also more widely used in areas of education and scientific research.

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.
- Auto recognition of standard pH buffer solutions and there are three kinds of standard buffers for option: USA series, NIST series and China series.
- Built-in big memory can store 1000 sets of test data which can be saved and transferred to USB and opened with Excel, very easy and convenient for edit.

Terrail

טרה-ייל

- DO mode has functions of ATC, auto salinity compensation and auto pressure compensation.
- New structure polarographic DO electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special DO electrode calibration sleeve, only need 3~5 min for polarization.
- Combined diaphragm cap makes it extremely convenient to replace the sensitive membrane just by screwing the new cap to the electrode.
- DO measurement is polarographic and suggested to be used with our magnetic stirrer or other appropriate models chosen by customers.
- With standard Bluetooth module and support wireless Bluetooth printing to make operations much easier for users. Optional data transmission to PC and cell phone via Bluetooth.
- IP54 dustproof and waterproof housing.

Specifications

pH	Measuring range Resolution Accuracy Input current Input impedance Stability Temp Compensation range	(-1.99 ~ 19.99) pH 0.1/0.01 pH ±0.02 pH $\leq 1 \times 10^{-12}$ A $\geq 1 \times 10^{12}$ Ω ±0.01pH/3h (0 ~ 100)°C (auto or manual)
mV	Measuring range(mV/ ORP/EH) Resolution Accuracy	-1999.9mV ~ 0 ~ 1999.9mV 1mV ±0.1% FS
DO	Measuring range Resolution Accuracy Response time Residual current Temp compensation range Salinity compensation range Air pressure compensation Automatic calibration Electrode type	(0 ~ 20.00) mg/L(ppm) (0 ~ 200.0)% 0.1/0.01 mg/L(ppm) 1/0.1% Electrode: ±0.10 mg/L, Instrument: ±0.40 mg/L ≤30 s (25°C, 90% response) ≤0.1 mg/L (0 ~ 100)°C (automatic) (0 ~ 45) ppt (automatic) (80 ~ 105) kPa (automatic) Air saturated by water, water saturated by air Polarographic
Temperature	Measuring range Resolution Accuracy	-10°C~ 110°C 0.1°C 5~ 60°C: ±0.4°C Others: ±0.8°C

Other Parameters	Data storage Storage contents	1000 groups Measurement series number, measuring value, temperature, ATC or MTC state, measuring date and time
	Power Communication connectors	DC12V/1A Wireless Bluetooth, USB
	Dimensions & Weight	240 × 170 × 70mm/600g
Working Conditions	Ambient temperature	5 ~ 35 °C
	Ambient humidity	≤85%
	IP grade	IP54

Standard configuration

- | | |
|--|----------|
| 1. T721 pH/DO meter | 1 unit |
| 2. Composite pH electrode | 1 pc |
| 3. DO electrode | 1 pc |
| 4. Rotary electrode holder | 1 pc |
| 5. pH buffer (pH4.00, pH6.86, pH9.18/50ml) | 1 set |
| 6. 12V power adapter | 1 pc |
| 7. DO membrane cap | 3 pcs |
| 8. DO electrode electrolyte (30ml) | 1 bottle |
| 9. Instruction manual in USB | 1 copy |