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Многопараметрический измеритель Т-723



For high-precision measurements of the conductivity/DO in laboratory. Widely used in the fields of biotechnology, aquaculture, power plants and environmental protection.

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 (or custom Language according to specific requirements), humanized design with adjustable screen brightness.
- 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.
- Auto recognition of 8 kinds of standard conductivity solutions and there are two series of standard solutions for option: USA series and China series.

- 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.
- 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.
- Able to switch between conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
- 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

Conductivity	Measuring range Resolution Accuracy Temp compensation Electrode constant Reference temperature	Conductivity: (0.00~20.00) μ S/cm (20.0~200.0) μ S/cm (200~2000) μ S/cm (2.00~20.00)mS/cm (20.0~200.0) mS/cm (200~2000) mS/cm (K=10) Resistivity: (0 ~ 100) M Ω ·cm TDS: (0 ~ 100) g/L Salinity: (0 ~ 100) ppt 0.01/0.1/1 μ S/cm 0.01/0.1/1mS/cm Electrode: \pm 0.5% FS, Instrument: \pm 0.80%FS (0 ~ 100) $^{\circ}$ C (automatic) 0.1/1/10 cm ⁻¹ 25 $^{\circ}$ C, 20 $^{\circ}$ C, 18 $^{\circ}$ C
DO	Measuring range Resolution Accuracy Response time Residual current Temperature compensation Salinity compensation 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 % \pm 0.40 mg/L, \pm 0.3% \leq 30s (25 $^{\circ}$ C, 90% response) \leq 0.1 mg/L (0 ~ 100) $^{\circ}$ 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 $^{\circ}$ C ~ 110 $^{\circ}$ C 0.1 $^{\circ}$ C 5 ~ 60 $^{\circ}$ C: \pm 0.4 $^{\circ}$ C, Others: \pm 0.8 $^{\circ}$ C
Other Parameters	Data storage Storage contents Power Communications Dimensions & Weight	1000 groups Measurement series number, measuring value, temperature, ATC or MTC status, date and time DC12V/1A(with power adapter) USB, Bluetooth 240 \times 170 \times 70mm/600g
Working Conditions	Ambient temperature Ambient humidity IP grade	5 ~ 35 $^{\circ}$ C \leq 85% IP54

Standard Configuration

1. T-723 Conductivity/DO meter	1 unit
2. Rotary electrode hold	1 pc
3. Composite conductivity electro	1 pc
4. DO electro	1 pc
5. DO membrane cap	3 pcs
6. DO electrode electrolyte (30ml)	1 bottle
7. 12V power adapter	1 pc
8. Operation manual in USB	1 copy

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