

T-720 Precise pH/Conductivity Meter

Suitable for high precision pH/conductivity measurements in scientific research, quality control, biotechnology and fine chemistry industry.



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.
- Auto recognition of 8 kinds of standard conductivity solutions and there are two series of standard solutions for option: USA series and China series.
- With optional Bluetooth module and support wireless Bluetooth printing to make operations much easier for users. Optional data transmission to PC and cell phone via wireless Bluetooth.
- Adopt advanced conductivity measurement technology, one point calibration can meet the measuring accuracy requirements for test $0.5\mu\text{S}/\text{cm} \sim 200\text{mS}/\text{cm}$.
- Able to switch between conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
- Auto recognition of standard pH buffers. There are three series of standard buffer solutions for option: USA, NIST and China series.
- Smart judge of electrode status to ensure accurate use for operators.
- IP54 dustproof and waterproof housing.

Specifications

MODEL	T-720	
pH	Measuring range	(-1.99~19.99) pH
	Resolution	0.1/0.01 pH
	Accuracy	±0.02 pH
	Input current	≤1×10 ⁻¹² A
	Input impedance	≥1×10 ¹² Ω
	Stability	±0.01 pH/3h
	Temp compensation	(0~100) °C (auto or manual)
mV	Measuring range (mV/ORP/EH)	-1999.9mV ~ 0~1999.9mV
	Resolution	1mV
	Accuracy	±0.1%FS
Conductivity	Measuring range	Conductivity: (0.00~20.00) μS/cm (20.0~200.0) μS/cm (200~2000) μS/cm (2.00~20.00) mS/cm (20.0~200.0) mS/cm (200~2000) mS/cm (K=10) Resistivity: (0 ~100) MΩ·cm TDS: (0 ~100) g/L Salinity: (0 ~100) ppt
	Resolution	0.01/0.1/1μS/cm 0.01/0.1/1 mS/cm
	Accuracy	Electrode: ±0.5% FS, Instrument: ±0.80%FS
	Temp. compensation range	(0~100) °C (auto)
	Electrode constant	0.1/1/10 cm ⁻¹
Temperature	Measuring range	-10 °C ~110 °C
	Resolution	0.1 °C
	Accuracy	5~60 °C: ±0.4 °C Others: ±0.8 °C
Other Technical Parameters	Data storage	300 sets
	Power requirements	DC 12V/1A
	Communication	Bluetooth, USB
	Size&Weight	240×170×70mm/600g
Working Conditions	Ambient temperature	5~35 °C
	Ambient humidity	≤85%
	IPgrade	IP54