

T-711 Series Conductivity Meter



Main Features

- 7 inch color high resolution(1024*600) capacitive touch screen, high sensitivity, complete parameter display, intuitive, easy to use and simple.
- Automatic calibration, automatic temperature compensation, data storage, USB output, clock display, wireless print,function setting and self-diagnose etc.
- Built-in bilingual operating system in Chinese and English, humanized operation design, with adjustable screen brightness.
- Built-in mass storage can store 1000 sets of measurement data, data can be stored and transferred to USB and opened by Excel, more convenient for customers to edit.
- Automatically recognize 8 kinds of conductivity standard solution. User can choose any one from two series of solutions: USA series and China series.
- With standard Bluetooth module and support wireless printing to make operations more convenient for users. Optional PC software and cell phone APP.
- Adopt advanced conductivity measurement technology, one point calibration of conductivity electrode 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.
- Automatic temperature compensation conductivity electrode , and the measurement result is fast and precise.
- Can intelligently judge the electrode status to ensure that the test result is accurate.
- Dustproof and waterproof meter meets IP54 standards.

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Specifications

MODEL	T-711L	T-711H	T-711P	T-711C
Description	Lab conductivity meter. Measure the conductivity of common water solutions, especially widely used in the areas of education and scientific research.	High precision conductivity meter. Suitable for high precision conductivity measurement in scientific research, quality control, biotechnology and fine chemistry industry.	High purity water conductivity meter. Measure the conductivity of reverse osmosis water, distilled water and high purity water in power plants, microelectronics and pharmaceutical industries	High concentration conductivity meter
Measuring range	Conductivity: (0.00~20.00) $\mu\text{S}/\text{cm}$ (20.0~200.0) $\mu\text{S}/\text{cm}$ (200~2000) $\mu\text{S}/\text{cm}$ (2.00~20.00) mS/cm (20.0~200.0) mS/cm Resistivity: (0 ~ 100) $\text{M}\Omega \cdot \text{cm}$ TDS: (0 ~ 100) g/L Salinity: (0 ~ 100) ppt		Conductivity: (0.00~20.00) $\mu\text{S}/\text{cm}$ (20.0~200.0) $\mu\text{S}/\text{cm}$ (200~2000) $\mu\text{S}/\text{cm}$ (2.00~20.00) mS/cm (20.0~200.0) mS/cm (200~2000) mS/cm Resistivity: (0 ~ 100) $\text{M}\Omega \cdot \text{cm}$ TDS: (0 ~ 100) g/L Salinity: (0 ~ 100) ppt	
Resolution	0.01/0.1/1 $\mu\text{S}/\text{cm}$ 0.01/0.1 mS/cm			
Accuracy	Electrode: $\pm 1.0\%$ FS Instrument: $\pm 1.50\%$ FS		Electrode: $\pm 0.5\%$ FS Instrument: $\pm 1.00\%$ FS	
Temp compensation range	(0 ~ 100) $^{\circ}\text{C}$ (Automatic)			
Electrode constant	0.1/1/10 cm^{-1}			
Temp.Measuring range	-10 $^{\circ}\text{C}$ ~ 110 $^{\circ}\text{C}$			
Resolution	0.1 $^{\circ}\text{C}$			
Accuracy	5 ~ 60 $^{\circ}\text{C}$: $\pm 0.5^{\circ}\text{C}$ Others: $\pm 1.0^{\circ}\text{C}$		5 ~ 60 $^{\circ}\text{C}$: $\pm 0.3^{\circ}\text{C}$ Others: $\pm 0.5^{\circ}\text{C}$	
Data storage	1000 sets			
Storage content	Measurement series number, measuring value, temperature, ATC or MTC status, date and time			
Power	DC12V/1A			
Communication	Wireless Bluetooth, USB			
Dimensions & Weight	240 × 170 × 70mm/600g			
Ambient temperature	5 ~ 35 $^{\circ}\text{C}$			
Ambient humidity	$\leq 80\%$			
IP grade	IP54			

Standard Configuration

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|-------------------------------------|--------|
| 1. T-711 conductivity meter | 1 pc |
| 2. Composite conductivity electrode | 1 pc |
| 3. Power adapter | 1 pc |
| 4. Electrode holder and base | 1 set |
| 5. Instruction manual in USB | 1 copy |