

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 and 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, instrument brightness and resolution selection.
- Built-in 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.
- Recognize automatically 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.

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

Conduc tivity	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	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 0.01/0.1/1 $\mu\text{S}/\text{cm}$ 0.01/0.1 mS/cm
	Resolution	Resistivity: (0 ~ 100) $\text{M}\Omega\cdot\text{cm}$ TDS: (0 ~ 100) g/L Salinity: (0 ~ 100) ppt 0.01/0.1/1 $\mu\text{S}/\text{cm}$ 0.01/0.1 mS/cm Electrode: $\pm 1.0\%$ FS, Instrument: $\pm 1.50\%$ FS (0 ~ 100) $^{\circ}\text{C}$ (Automatic) 0.1/1/10 cm^{-1}	Electrode: $\pm 0.5\%$ FS, Instrument: $\pm 1.0\%$ FS (0 ~ 100) $^{\circ}\text{C}$ (Automatic) 0.1/1/10 cm^{-1}
Temper ature	Measuring range	-10 $^{\circ}\text{C}$ ~ 110 $^{\circ}\text{C}$ 0.1 $^{\circ}\text{C}$	-10 $^{\circ}\text{C}$ ~ 110 $^{\circ}\text{C}$ 0.1 $^{\circ}\text{C}$
	Resolution	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: $\pm 0.5^{\circ}\text{C}$
Others	Accuracy		
	Temp compensation range		
Data storage	Storage content	1000 sets Measurement series number, measuring value, temperature, ATC or MTC status, date and time	1000 sets Measurement series number, measuring value, temperature, ATC or MTC status, date and time
	Power	DC12V/1A	DC12V/1A
Communicati ons	Dimensions & Weight	Bluetooth, USB 240 × 170 × 70mm/600g	Bluetooth, USB 240 × 170 × 70mm/600g



Working conditions	Ambient temperature Ambient humidity IP grade	5 ~ 35°C ≤80% IP54	5 ~ 35°C ≤80% IP54
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Standard Accessories:

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| 1. T711 conductivity meter unit | 1 |
| 2. Conductivity electrode pc | 1 |
| 3. All direction rotary electrode holder pc | 1 |
| 4. 12V power adapter pc | 1 |
| 5. Instruction manual copy | 1 |