

T-711 Series Conductivity Meter



Main Features

- 7 inch colored high resolution(1024*600) capacitive touch screen, high sensitivity, complete parameter display, intuitive, easy to use and simple.
- Meter meets with the requirement of international GLP standards. Its features up to 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, instrument brightness, three shift resolution selectivity.
- Built-in mass storage can store 1000 sets of measurement data, data can be stored through USB storage & transfer data, stored data can be opened by the general office software EXCELL, more convenience for customers to edit.
- Automatically recognize 8 kinds of conductivity standard solution. User can choose anyone from two series of solutions: Europe & USA series and China series
- Instrument standard Bluetooth module, support wireless Bluetooth printing, convenient user operation. Optional support wireless Bluetooth to mobile phone computer data transmission
- Adopt advanced and original conductivity measurement technology, use 1 pc of conductivity electrode (K=1), it can meet measuring accuracy requirement for range within $0.5\mu\text{S}/\text{cm}$ ~ $200\text{mS}/\text{cm}$ by using only one-point calibration.
- Ability to switch among 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 , Its measurement result is fast and precise.
- Can intelligently judge the electrode status to ensure that the customer is accurate and applicable.
- 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) μS/cm (20.0~200.0) μS/cm (200~2000)μS/cm (2.00~20.00) mS/cm (20.0~200.0) mS/cm Resistivity: (0 ~ 100) MΩ·cm TDS: (0 ~ 100) g/L Salinity: (0 ~ 100) ppt	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 Resistivity: (0 ~ 100) MΩ·cm TDS: (0 ~ 100) g/L Salinity: (0 ~ 100) ppt		
Resolution	0.01/0.1/1μS/cm 0.01/0.1mS/cm			
Accuracy	Electrode: ±1.0% FS, Instrument: ±1.50%FS	Electrode: ±0.5% FS Instrument: ±1.00%FS		
Temp compensation range	(0 ~ 50) ℃ (Automatic)			
Electrode constant	0.1/1/10 cm ⁻¹			
Temp.Measuring range	-10℃ ~ 110℃			
Resolution	0.1℃			
Accuracy	5 ~ 60℃:±0.5℃ Others:±1.0℃	5 ~ 60℃:±0.3℃ Others:±0.5℃		
Data storage	1000 sets			
Storage content	Measurement series number, measuring value, temperature, ATC or MTC status, date and time			
Power	DC12V/1A			
Communication connectors	Wireless Bluetooth, USB			
Dimensions & Weight	240 × 170 × 70mm/600g			
Ambient temperature	5 ~ 35℃			
Ambient humidity	≤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 | 2 bottles |
| 5. Instruction manual | 1 copy |