



## ATL-2308A Conductivity Meter



### Characteristics:

1. Double digits LCD display with big screen and blue back light, display conductivity value and temperature value
2. It can be used to measure conductivity, TDS, salinity and temperature.
3. Automatic temperature compensation, automatic calibration, automatic range changing and electricity cutting off protection
4. Measurement results can be stored, deleted, consulted and printed. It can store at most 50 sets of measurement data.
5. With RS-232 interface, Model TP-16 printer can be connected
6. With calibration function, can set electrode constant and TDS switching coefficient
7. Measuring ultrapure water with using  $K=0.01\text{cm}^{-1}$  titanium alloy electrode and sealing measuring cell
8. Connecting PC with the meter with selecting data soft

### Specifications:

1. Measurement range:

Conductivity:  $0-1.999 \times 10^3 \text{ uS/cm}$  (be divided into six ranges and can range changing automatically)

0-1.999 uS/cm	2.00-19.99uS/cm	20.0-199.9 uS/cm
200-1999 uS/cm	2.00-19.99mS/cm	20.0-199.9 mS/cm

TDS:  $0-19900 \text{ mg/L}$  (be divided into five ranges and can range changing automatically)

0-10.00 mg/L	10.0-100.0 mg/L	100-1000mg/L
1.00-10.00 g/L	10.0-19.99 g/L	

Salinity: 0.0-80 ppt (0.0-8.00)%

Temperature: -5-105 C

2. Electrode constant,  $\text{cm}^{-1}$ : 0.01, 0.1, 1.0, 10.0

3. Accuracy of the electronic unit:

Conductivity:  $\pm 0.5\%(\text{FS}) \pm 1\text{bit}$

Salinity:  $\pm 1.0\text{ppt}$

Temperature:  $\pm 0.3 \text{ C} \pm 1.\text{bit}$

4. Stability of the electronic unit:  $\pm 0.33\%(\text{FS}) \pm 1\text{bit}/3\text{h}$

5. Accuracy:  $\pm 0.75\%(\text{FS}) \pm 1 \text{ bit}$

6. The range of temperature compensation: 0-50 C

### Standard configuration:

1. Main instrument	1
2. Power cable	1
3. AJS-1C Platinum-black Electrode	1
4. T-818-B-6 Temperature Sensor	1
5. REX-I Mutli-function Electrode Support Stand	1
6. Data Collecting software	1
7. RE-232 Communication Line	1
8. TP-16 Print Connection Line	1

### Optional accessories:

1. AJS-1 bright Electrode
2. AJS-10 Conductivity Electrode
3. AJS-0.1 Platinum Electrode
4. AJS-0.01 Titanium Alloy Electrode

### Overall dimension & weight:

Shipping package dimension: 332-265-275mm

Gross weight: 3Kg

Net weight: 2Kg

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