

## Conductivity Meter



### Description:

The P772 is a wide-range, pocket-sized conductivity meter perfect for use in field environments. Having a rugged, waterproof housing, and replaceable electrodes, this meter will give long durable service. With 10  $\mu\text{S}/\text{cm}$  resolution and  $\pm 2\%$  FS accuracy, you will have high quality results at your fingertips. Automatic temperature compensation (ATC) adjusts for changes in conductivity due to temperature.

### Features:

- Resolution: 10  $\mu\text{S}/\text{cm}$
- High accuracy:  $\pm 2\%$  Full Scale
- Measures 0~19990  $\mu\text{S}/\text{cm}$
- Rugged waterproof housing that floats (meets IP57 standards)
- Compact size fits easily into your pocket
- Automatic temperature compensation
- Replaceable electrodes
- Large 21 x 18 mm LCD display
- Easy 1-point calibration with included calibration solution
- Comes ready-to-go with two long-life 3-V Lithium batteries

### Applications:

- Agriculture/Gardening/Husbandry
- Anti-freeze recycling
- Aquariums
- Boilers
- Chemical industry
- Cooling towers
- Water treatment/Drinking Water
- Fish farming
- Food industry
- Hydroponics
- Laboratory usage
- Plating industry
- Swimming pools & Spas



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### Specifications

<b>Range</b>	0~19990 $\mu$ S/cm
<b>Resolution</b>	10 $\mu$ S/cm
<b>Accuracy</b>	$\pm$ 2% Full Scale
<b>Operating Environment</b>	5°C to 50°C 0 to 90% R.H.
<b>Storage Environment</b>	5°C to 50°C 0 to 90% R.H.
<b>ATC Range</b>	5°C to 50°C
<b>Power</b>	Two 3-V Lithium (CR2032) batteries
<b>Expected Battery Life</b>	100 hours continuous
<b>Display</b>	3 digit 21 x 18 mm LCD (.8 x .7")
<b>Dimensions</b>	33.5 x 170 mm (1.3 x 6.7")
<b>Calibration</b>	Manual, 1 point, via screw trim pot.
<b>Weight</b>	85 g (3 oz)
<b>Housing</b>	ABS IP57

### Includes:

- P772 Cond. Meter
- Two 3V Batteries
- Instructional manual
- Calibration solution
- Calibration screwdriver
- Gift Box

### This instrument conforms to:

- **EN61326:** Electrical equipment for measurement, control and laboratory use.
- **IEC61000-4-2:** Electrostatic discharge immunity test.
- **IEC61000-4-3:** Radiated, radio-frequency, electromagnetic field immunity test.
- **IEC61000-4-8:** Power frequency magnetic field immunity test.

