



Features & Specifications:

- Conductivity and TDS probe (6005C) connect with ref. 6005C will become a professional Conductivity & TDS (Total Dissolved Solids) Meter.
- Innovative feature with built-in automatic temperature compensation values adjustable between 0 to 5.0% per °C.
- Selecting "0% per °C" of Temp. Coefficient Adjust, allows you to take uncompensated conductivity readings.
- Wide automatic temperature compensation range from 0°C to 50 °C.
- Carbon rod electrode for long life.
- Microprocessor circuit.
- Dual LCD display, show both conductivity & temp. values.
- Records Maximum and Minimum readings with RECALL facilities.
- Data hold function.
- Auto shut off prolongs battery life.
- Two temperature units, i.e. °C or °F.
- The portable conductivity meter provides fast, accurate readings, with digital readability and the convenience of a remote probe.
- Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college, etc.

SPECIFICATIONS:

| | |
|------------------------|---|
| Circuit: | Custom one-chip microprocessor LSI circuit |
| Measurement: | Conductivity: 2 ranges 2 mS - 20 mS. TDS: 2 ranges 2,000 PPM - 20,000 PPM Temperature: 0-60°C / 32-140°F |
| Temperature: | Automatic from 0 to 60°C (32-140°F) |
| Compensation: | with temperature compensation factor variable between 0 to 5.0% per °C |
| Memory Recall: | Records Maximum and Minimum readings with RECALL facility |
| Power off: | Manual off by push button or Auto shut off after 10 minutes (not activated during memory record function) |
| Overload indication: | Indicated by "----" |
| Sampling time: | Approx. 0.8 second |
| Operating temperature: | 0 to 50°C - main instrument 0 to 60°C - probe only |
| Operating humidity: | Max 80% RH |
| Size: | Probe: Round 22 mm diameter x 120 mm length |
| Accessories included: | 1 pc - Instruction manual 1 pc - Conductivity probe |

2.2 Electrical Specifications (23 ±5°C)

A. Conductivity

| Range | Resolution | Resolution | Accuracy |
|--------------------|-----------------|------------|------------------------|
| 2 mS | 0.2 to 2.000 mS | 0.0001 mS | ±(3% Full Scale + 1d) |
| 20 mS | 2 to 20.00 mS | 0.01 mS | ±(3% Full Scale + 1d) |
| mS = milli Siemens | | | |

B. TDS (Total Dissolved Solids)

| Range | Resolution | Resolution | Accuracy |
|---------------------------|---------------------|------------|------------------------|
| 2,000 PPM | 132 to 1,320 PPM | 1 PPM | ±(3% Full Scale + 1d) |
| 20,000 PPM | 1,320 to 13,200 PPM | 10 PPM | ±(3% Full Scale + 1d) |
| PPM s= sparts per million | | | |

C. Temperature

| | |
|-----------------|-----------------------------|
| Measuring range | 0°C to 60°C / 32°F to 140°F |
| Resolution | 0.1°C / 0.1°F |
| Accuracy | 0.8°C / 1.5°F |