

## EC/TDS/Salinity/Temp Portable Meter 3010M

**New**



### Features

- Simultaneous displays of conductivity, salinity or TDS with temperature measurements.
- 50 data set reviewable memory.
- Convenient one point calibration. Calibration data is stored in memory and ready for use on power up.
- Selectable cell constants for true wide range readings.
- Adjustable TDS coefficient, reference temperature and temperature coefficient.
- Uses one conductivity cell for conductivity, salinity and TDS measurements.
- Accepts 2-wire conductivity cells with K=0.1, 1.0 and 10.0 cell constants for improved flexibility and accuracy.
- Automatic shutoff function (30 minutes of non-use).
- Battery life over 1000 hours.
- IP65 waterproof.
- Low battery indicator.
- ROHS, CE compliant.

### Specifications

|                                 |  |   |
|---------------------------------|--|---|
| Range                           | Conductivity   | 0.00~20.00uS/cm; 20.0~200.0uS/cm; 200~2000uS/cm; 2.00~20.00mS/cm; 20.0~200.0mS/cm |
|                                 | TDS  | 0.000~2.000g/L; 0.00~20.00g/L; 0.0~200.0g/L                                       |
|                                 | Salinity   | 0.0~ 80.0ppt  |
|                                 | Temperature  | -10.0~120.0□  |
| Resolution                      | Conductivity   | 0.01uS/cm; 0.1uS/cm; 1uS/cm; 0.01mS/cm; 0.1mS/cm                                  |
|                                 | TDS  | 0.001g/L; 0.01g/L; 0.1g/L   |
|                                 | Salinity   | 0.1ppt  |
|                                 | Temperature  | 0.1□  |
| Accuracy                        | Conductivity   | ±0.5%FS   |
|                                 | TDS  | ±0.5%FS   |
|                                 | Salinity   | ±1%FS   |
|                                 | Temperature  | ±0.5□   |
| Reference Temperature           | From 15.0 to 25.0□, default is 25.0□,                      |   |
| Temperature Coefficient         | From 0.00 to 4.00%, default is 1.91%.                      |   |
| TDS Constant                    | From 0.30 to 1.00, default is 0.65.                        |   |
| Electrode Type / Cell Constant  | Two wire conductivity cell / 0.1, 1.0, 10, default is 1.0. |   |
| ATC                             | Thermistor, 10K ohms, at 25□.                              |   |
| Power                           | 9 Volt battery.  |   |
| Operating Ambient Conditions    | From 0~50□, at 90% RH.                                     |   |
| Weight / Dimensions (W x D x H) | 260 grams (Including batteries) / 70mm x 186mm x 37mm      |   |

### Accessories

|               |   |
|---------------|---|
| 109A          | Two-wire conductivity cell with 4 PIN connector, K=0.1 (0.0~200.0uS/cm).  |
| 106A          | Two-wire conductivity cell with 4 PIN connector, K=1.0 (0.02~20.00mS/cm). |
| 107A          | Two-wire conductivity cell with 4 PIN connector, K=10.0 (1.0~200.0mS/cm). |
| Carrying case |   |