



## Conductivity/ TDS/Salt/Temp Meter

## Dissolved Oxygen Meter

## pH/Conductivity/ TDS/Salt/Temp Meter



Cond/TDS/Salt/Temp  
CTS-406



pH/ORP/Cond/TDS/Salt/Temp  
PCT-407



DO/Temp  
PDO-408

### Features

- Microprocessor based designed with large LCD display.
- Rugged design with splash proof housing for handheld or bench top use, neckstrap for hands-free operation.
- Automatic Temperature Compensation(ATC), Manual Salinity(MSC) and Altitude(MAC) Compensation.
- Memory function stores and recalls. MAX/MIN and data Lock. Degree °C/°F are switchable.
- Low battery and consumption indicator. Auto shut off after 10 minutes of non use.

### Specifications

| CTS-406      |                          |                           |                 |                  |
|--------------|--------------------------|---------------------------|-----------------|------------------|
|              | Cond.                    | TDS                       | Salt            | Temp.            |
| Range        | 0-1999 μS<br>0-19.99 mS  | 0-1340 ppm<br>0-13.40 ppt | 0-12.00 ppt     | 0-100 °C         |
| Accuracy     | ± 1% FS+1 digit          | ± 1% FS+1 digit           | ± 1% FS+1 digit | ± 0.2 °C+1 digit |
| Resolution   | 1/0.01                   | 1/0.01                    | 0.01            | 0.1              |
| Compensation | ATC 0-50°C               |                           |                 |                  |
| Power        | 9V or AC adaptor         |                           |                 |                  |
| Dimension    | 96 x 120 x 46 mm(folded) |                           |                 |                  |
| Weight       | 260 g(w/battery)         |                           |                 |                  |

| PDO-408      |                                            |          |                  |
|--------------|--------------------------------------------|----------|------------------|
|              | DO                                         | O2       | Temp             |
| Range        | 0~20.00 mg/L                               | 0~200.0% | 0~110 °C         |
| Accuracy     | ±0.2+1 digit                               | ± 2% FS  | ± 0.2 °C+1 digit |
| Resolution   | 0.01 mg/L                                  | 0.10%    | 0.1 °C           |
| Compensation | ATC: 0~50 °C MSC: 0~50 ppt MAC: 0~20000 ft |          |                  |
| Power        | 9V battery or AC/DC adaptor                |          |                  |
| Dimension    | 96 x 120 x 46 mm(folded)                   |          |                  |
| Weight       | 260 g(w/battery)                           |          |                  |

| PCT-407      |                          |                                                       |                                                                       |                                                                   |                                                                |              |
|--------------|--------------------------|-------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|--------------|
|              | pH                       | ORP                                                   | Conductivity                                                          | TDS                                                               | Salt                                                           | Temp         |
| Range        | -2.00~16.00 pH           | -1999 ~ -200 mV<br>-199.9 ~ 499.9 mV<br>500 ~ 2000 mV | 0.0~ 199.9 μS<br>200~ 1999 μS<br>2.00~ 19.99 mS<br>20.0~ 100.0 mS@25℃ | 0.0~131.9 ppm<br>132~1319 ppm<br>1.32~13.19 ppt<br>13.2~132.0 ppt | 0.0~99.9 ppm<br>100~999 ppm<br>1.00~9.99 ppt<br>10.0~100.0 ppt | 0~110 ℃      |
| Accuracy     | ±0.01+1 digit            | ±2+1 digit                                            | ±2% FS                                                                |                                                                   |                                                                | ±0.2+1 digit |
| Resolution   | 0.01 pH                  | 0.1/1 mV                                              | 0.1/1μS/0.01/0.1 mS                                                   | 0.1/1ppm/0.01/0.1 ppt                                             | 0.1/1ppm/0.01/0.1 ppt                                          | 0.1℃         |
| Compensation | ATC: 0~100 ℃             | N/A                                                   | ATC: 0~50 ℃                                                           |                                                                   |                                                                |              |
| Power        | 9V or AC adaptor         |                                                       |                                                                       |                                                                   |                                                                |              |
| Dimension    | 96 x 120 x 46 mm(folded) |                                                       |                                                                       |                                                                   |                                                                |              |
| Weight       | 260 g(w/battery)         |                                                       |                                                                       |                                                                   |                                                                |              |

### Standard Accessories

| CTS-406                                | PCT-407            | PDO-408              |
|----------------------------------------|--------------------|----------------------|
| Conductivity cell                      | pH glass electrode | DO probe             |
| Standard solution                      | Conductivity cell  | Membrane cap x 2 pcs |
| 9V Battery                             | Temp. probe        | Electrolyte x 50 ml  |
| instruction manual                     | Standard solution  | 9V Battery           |
| Carrying case                          | 9V Battery         | instruction manual   |
|                                        | instruction manual | Carrying case        |
|                                        | Carrying case      |                      |
| Optional: DC/AC adaptor, ORP electrode |                    |                      |

