**Multi-meter 7200**

Thank you for selection model 7200 microprocessor-based waterproof pH/Conductivity/Temp tester. It is possible to measure a wide range of pH, ORP, Conductivity, TDS, Salinity and Temperature with a replaceable electrode. We recommend that you read and follow the manual carefully.

**Features**

* Large LCD displays pH or ORP or Conductivity or TDS or Salinity and Temperature simultaneously.
* Waterproof IP-57 standard and rugged design for field use conveniently.
* It floats on water.
* Automatic Temperature Compensation (ATC) and degree C or F switchable.
* Displays function mode automatically during insert sensor module
* Icon pH, my, pS, mS, ppm, ppt. °C. °F for recognition easy during select function mode. Displays Maximum/Minimum value and data hold.
* Low battery and consumption indicator. Auto shut off after 10 minutes of non- use.
* Easy to replace Conductivity cell, pH electrode or ORP electrode module by user.

**Specifications**

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| --- | --- | --- | --- |
|  | **PH** | **ORP** | **Temp.** |
| **Range** | **-2 -16.00** | **-1000 - 1000** | **0 - 90.0 \*C** |
| **Accuracy** | **± 0 01 + 1 digit** | **± 2 + 1 digit** | **± 0.2 °C + 1 digit** |
| **Resolution** | **i 01 pH** | **I mV** | **0 1 °C** |
| **ATC** | **0-90°C** |  |  |
| **Calibration** | **4 00. 7 00, 10.01** |  |  |

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| --- | --- | --- | --- |
|  | **Conductivity** | **TDS** | **Salinity** |
| **Range** | **0 - 2000 pS  2.00 - 20.00 mS** | **0 -1300 ppm 1.30-13.00 ppt** | **0 --1000 ppm 1.00-12.00 ppt** |
| **Accuracy** | **+ 2% FS (Cond. • TDS • Salt)** | |  |
|  |
| **Resolution** | **I p510 01 mS** | **11 ppm/0.01 ppt** | **11 ppm/0 01 ppt** |
| **ATC** | **0 - 50 °C** |  | |
| **Calibration** | **Ups, 1413 *bes,* 12.88 mS** | | |

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| --- | --- |
| **Power** | **DC1.5V x 4 battery (UM-4/AAA)** |
| **Dimensions** | **Meter 195 x 40 x 38 mm, Kits 230 x 205 x 50 mm** |
| **Weight** | **Meter 135g (with battery), hits 780g** |

**PCT-407 Portable pH Conductivity TDS Meter**

**Features**

* Microprocessor based designed.
* Large LCD built into adjustable "flip-up" cover, which can display pH or ORP or Conductivity and Temperature simultaneously.
* Rugged design for handheld or bench top use, neck-strap for "hands-free" operation.
* Automatic Temperature Compensation(ATC)
* Memory function stores and recalls up to 150 points. MAX/MIN and data Lock. °C or °F are available.
* Simple to calibrate by one keyboard for 5 points buffer, calibration value can be adjusted as needed.
* Indicate percentage of slope (PTS) after calibration
* Auto shut off after 10 minutes of non use.

**Specifications**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **pH** | **ORP** | **Temp.** |
| Range | -2.00~16.00 pH | -1999 ~ -200 mV | 0~110 °C |
| -199.9 ~ 499.9 mV |
| 500 ~ 2000 mV |
| Accuracy | ±0.01+1 digit | ±2+1 digit | ±0.2+1 digit |
| Resolution | 0.01 pH | 0.1/1 mV | 0.1 °C |
| Compensation | ATC: 0~100 °C | N/A |  |
|  | **Conductivity** | **TDS** | **Salt** |
| Range | 0.0~ 199.9μS | 0.0~131.9 ppm | 0.0~99.9 ppm |
| 200~ 1999μS | 132~1319 ppm | 100~999 ppm |
| 2.00~ 19.99 mS | 1.32~13.19 ppt | 1.00~9.99 ppt |
| 20.0~ 100.0 mS | 13.2~66.0 ppt | 10.0~50.0 ppt |
| Accuracy | ±2% FS | ±2% FS | ±2% FS |
| Resolution | 0.1/1μS/0.01/0.1 mS | 0.1/1ppm/0.01/0.1ppt | 0.1/1ppm/0.01/0.1ppt |
| Compensation | ATC: 0~50 °C | ATC: 0~50 °C | ATC: 0~50 °C |

**PL-700 Series Bench Top Meter**

**Features**

* Microprocessor based designed, and rugged housing with splash proof keyboard.
* The large backlight LCD displays pH or ORP or Conductivity or DO and Temperature simultaneously.
* Automatic Temperature Compensation (ATC), Manual Salinity(MSC) and Altitude(MAC) Compensation.
* Memory function stores and recalls up to 150 points. MAX/MIN and data Lock. Degree ℃/℉ are switchable.
* Combine special platform and electrode holder, or stirrer(Optional) for measuring convenient.
* The TDS value is determined by multiplying a conductivity reading by a known ratio in the range of 0.50 to 1.00.
* Output data for capturing on PC directly via USB.

**Specifications:**

|  |  |  |
| --- | --- | --- |
|  | **pH** | **ORP** |
| Range | -2.00~16.00 pH | -1999 ~ -200 mV -199.9 ~ 499.9 mV 500 ~ 2000 mV |
| Accuracy | ±0.01+1 digit | ±2+1 digit |
| Resolution | 0.01 pH | 0.1/1 mV |
| Compensation | ATC: 0~100 ℃ | N/A |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Conductivity** | **TDS** | **Salt** |
| Range | 0.0~ 199.9μS 200~ 1999μS 2.00~ 19.99 mS 20.0~ 100.0 mS | 0.0~131.9 ppm 132~1319 ppm 1.32~13.19 ppt 13.2~66.0 ppt | 0.0~99.9 ppm 100~999 ppm 1.00~9.99 ppt 10.0~50.0 ppt |
| Accuracy | ±2% FS | ±2% FS | ±2% FS |
| Resolution | 0.1/1μS/0.01/0.1 mS | 0.1/1ppm/0.01/0.1ppt | 0.1/1ppm/0.01/0.1ppt |
| Compensation | ATC: 0~60 ℃ | ATC: 0~60 ℃ | ATC: 0~60 ℃ |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **DO** | **O2** | **Temp.** |
| Range | 0~20.00 mg/L 0~20.00 ppm | 0~200.0 % | 0~110 ℃ |
| Accuracy | ±0.2+1 digit | ±2% FS | ±0.2+1 digit |
| Resolution | 0.01 mg/L | 0.10% | 0.1 ℃ |
| Compensation | ATC: 0~50 ℃ MSC: 0~50 ppt MAC:0-20000 ft |  |  |

|  |  |
| --- | --- |
| Power | 9V DC  (AC adaptor) |
| Dimension | 103 x 145 x 32 mm without electrode holder |
| Weight | 700 g (meter only) |

**PP-201k pH meter**

## Features

* Microprocessor based with splash proof housing.
* Large LCD built into adjustable "flip-up" cover. Simultaneous display pH and Temperature.
* Rugged design for handheld or bench top use, neckstrap for "hands-free" operation.
* Automatic or manual temperature compensation. °C/°F switchable
* Simple to calibrate by one keyboard for 5 points buffer, calibration value can be adjusted as needed.
* Memory stores and recalls up to 20 points. Min/Max storage and recall. (PP-206 only)
* Indicate percentage of slope (PTS) after calibration.
* Low battery and consumption indicator.
* Auto shut off after 10 minutes of non use.

**Specifications**

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **PP-201** | **PP-203** | | | **PP-206** | | |
|  | pH | pH | mV | Temp. | pH | mV | Temp. |
| Range: | 0-14.00 | 0-14.00 | ±1999 | 0-100°C | 0-14.00 | ±1999 | 0-100°C |
| Accuracy: | ±0.01+1 digit | ±0.01+1 digit | ±1+1 digit | ±0.2°C+1digit | ±0.01+1 digit | ±1+1 digit | ±0.2°C+1digit |
| Resolution: | 0.01 | 0.01 | 1 | 0.1°C | 0.01 | 1 | 0.1°C |
| Compensation: | MTC:0-100°C | ATC: 0-100°C | | | ATC: 0-100°C | | |
| Battery: | 9V | 9V or AC Adaptor | | | 9V or AC Adaptor | | |
| Multi-function | None | None | | | Storage/Recall, Min/Max | | |
| Calibration: | pH4.00, 7.00, 10.00 | | | | | | |
| Dimensions: | 96 x 120 x 46 mm (folded) | | | | | | |
| Weight: | 260 g (with battery) | | | | | | |