# PRODUCT DATA SHEET

## **AMTAST**

## **Portable Meter AMT Series**





### **Features**

- Microprocessor based for fast and accurate measurements.
- Special viewing angle designed of waterproof housing IP57 rated. It floats on water.
- Large LCD display pH or ORP or Conductivity or TDS or Salinity or DO and Temperature Simultaneously.
- Simple to calibrate by one keyboard and automatic temperature compensation (ATC), Manual Salinity (MSC) and Altitude (MAC) Compensation.
- Multi-functions with Data-hold, Max/Min and shows PTS after calibration. Degree °C/°F are switchable.
- Low battery and consumption indicator. Auto power shut off after 10 minutes of non use.
- Easy to replace electrode module and the type of electrode would be recognized automatically and shown in display during insertion.

#### **Specifications: AMTAST AMT-Series**

|             | AMT03                              |              |             |                           |                             |                             |  |  |  |
|-------------|------------------------------------|--------------|-------------|---------------------------|-----------------------------|-----------------------------|--|--|--|
|             |                                    | AMT01        | AMT02       |                           |                             |                             |  |  |  |
|             | рН                                 | mV           | Temperature | Conductivity              | TDS                         | Salt                        |  |  |  |
| Range       | -2 ~ 16.00                         | -1000 ~ 1000 | 0 ~ 90ºC    | 0~2000μS;<br>2.00~20.00mS | 0~1300ppm;<br>1.30~13.00ppt | 0~1000ppm;<br>1.00~12.00ppt |  |  |  |
| Accuracy    | ±0.01                              | ±2           | ±0.2        | ±2% FS (Cond.,TDS,Salt)   |                             |                             |  |  |  |
| Resolution  | 0.01                               | 1            | 0.1         | 1μS/0.01mS                | 1ppm/0.01ppt                | 1ppm/0.01ppt                |  |  |  |
| ATC         | 0 ~ 90ºC                           |              |             | 0-50ºC                    |                             |                             |  |  |  |
| Calibration | 4.00, 7.00,<br>10.01               |              |             | 0, 1413μS, 12.88mS        |                             |                             |  |  |  |
| Power       | DC1 5V x 4 hattery Size: AAA/IIM-4 |              |             |                           |                             |                             |  |  |  |

| Accessories for complete kit: |          |        |          |            |                  |                       |  |  |  |  |
|-------------------------------|----------|--------|----------|------------|------------------|-----------------------|--|--|--|--|
|                               | AMT01    | AMT01V | AMT01R   | AMT02      | AMT03            | AMT03R                |  |  |  |  |
| Sensor                        | рН       | ORP    | pH + ORP | Cond. Cell | pH + Cond. Cell  | pH + Cond. Cell + ORP |  |  |  |  |
| Standard Solution             | pH 4 & 7 |        | pH 4 & 7 | 1413μS     | pH 4 & 7; 1413μS | pH 4 & 7; 1413μS      |  |  |  |  |
| Soaking Solution              | Yes      | Yes    | None     | None       | Yes              | Yes                   |  |  |  |  |

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