



HM Digital HM200 Hydromaster Portable EC TDS pH Temp Monitor



SKU: HM200BK
Manufacture warranty period: 12 months
Designed in USA and Korea
Made in Korea

The HM-200 is a versatile portable pH/EC/TDS/Temp monitor ideal for all water quality testing, hydroponics, water purification applications, wastewater regulation, aquaculture, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more.

Features:

- Measures Potential Hydrogen (pH), Electrical Conductivity (EC), Total Dissolved Solids (TDS), Salinity and Temperature
- Five scales: pH, μS , mS, ppm 0.5 (NaCl) Scale & 0.7 (442™) Scale
- Automatic Temperature Compensation (ATC) using three temperature coefficients
- Digital Calibration (push button) to any point within the meter's range
- Auto-off function, data-hold function and low-battery indicator
- Large and easy-to-read LCD Screen
- Displays 3 parameters (pH/EC or TDS/Temp) simultaneously.
- Replaceable Sensors (model SP-C2 for Conductivity, SP-P5 for pH)
- Factory Calibrated (pH/EC/TDS)
- Includes protective rubber boot, 2 (AA) alkaline batteries, pH 4 & 7 calibration solutions.





Specifications:

- **Measurement Range:**
 - pH: 0.00 - 14.00 pH
 - Temperature: 0.0 - 55.0 °C / 32.0 - 130 °F
 - TDS: 0 - 9999 ppm / 0 - 10 ppt
 - EC: 0 - 9999 μ S / 0 - 20.00ms
- **ATC at range: 25°C (77°F) with accuracy:**
 - pH: \pm 0.1 pH
 - Temp: \pm 1 °C
 - TDS: \pm 2%
 - EC: \pm 2 %
- **Measurement Scales:**
 - pH: pH
 - Temp: °C, °F
 - TDS: ppm (0.5) / ppm (0.7)
 - EC: μ S / mS
- **Resolution:**
 - pH: 0.1 pH
 - Temp: 0.1°C / 0.1 °F
 - TDS: ppm: 0.1 ppm (0 - 99.9 ppm) / 1 ppm (100 - 9999 ppm) / ppt: 0.01 ppt (0 - 10.00 ppt)
 - EC: μ S: 0.1 μ S (0 - 99.9 μ S) / 1 μ S (100 - 9999 μ S) / mS: 0.01 mS (0 - 20.00 mS)
- **Power Source:** 2 x AA Battery
- **Function Environment:** 0 - 50°C (0-122°C) / RH 80 % (EC Probe: 0 - 80°C)
- **Sensor Cable:** 609mm (24-inch) shielded Coaxial Cable
- **Dimensions:** About 140 x 66 x 28mm (5.5 x 2.6 x 1.1 inches)
- **Weight:** 200g (7 ounces) for body / 140g (5 ounces) for two probes (without case)

Package includes:

- 1 x HM-200 monitor with rubber boot
- 1 x pH probe (SP-P5)
- 1 x TDS/EC probe (SP-C2)
- 1 x packet of pH 7 Buffer Solution (PH-P7)
- 1 x packet of pH 4 Buffer Solution (PH-P4)
- 1 x User Manual
- 2 x AA Batteries

