



HM Digital COM300 Waterproof pH/EC/TDS/Temperature Combo Meter



SKU: HMCOM300BK
Manufacture warranty period: 12 months
Designed in USA and Korea
Made in Korea

The COM-300 is a professional grade level pH/EC/TDS/Temp meter 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.

Applications:

- Aquaculture
- Aquarium
- Drinking Water
- Food & Beverage
- Hydroponics
- Industrial
- Pool/Spa
- Water Treatment

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
- Waterproof housing (IP-67 rating)
- Digital Calibration (push button) to any point within the meter's range
- Auto-off function, data-hold function and low-battery indicator
- Display: large and easy-to-read LCD screen includes simultaneous temperature reading
- Replaceable Sensor (model SP-CP) **(Optional)**
- Factory Calibrated (pH/EC/TDS)



Specifications:

- pH:
 - Range: 0 – 14 pH
 - Resolution: 0.1
 - Accuracy: ± 0.1 pH
- EC:
 - Range: 0 – 9990 μS ; 0 – 9.99 mS
 - Resolution: 0-999:1 μS ; 1000-9990:10 μS ; 0-9.99mS:0.01mS
 - Accuracy: $\pm 2\%$
- TDS:
 - Range: 0 – 8560 ppm (0.7 Scale); 0 – 5000 ppm (0.5 Scale)
 - Resolution: 0-999:1 ppm / 1000-9990: 10 ppm
 - Accuracy: $\pm 2\%$
- Temperature:
 - Range: 0.1~50°C; 32~122°F
 - Resolution: 0.1
 - Accuracy: $\pm 1^\circ\text{C}/\text{F}$
- EC to TDS Conversion Factor:
 - Pre-programmed. Non-linear conversions for 0.5 (NaCl) or 0.7 (442™) solution, selected by the user.
- Probe: Detachable platinum electrodes & pH glass sensor with reference tube electrodes
- Housing: IP-67 Waterproof (submersible; floats)
- Power source: 2 x Triple A (AAA) included
- Dimensions: 18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 inches)
- Weight: 101.5g (3.6 oz)
- 442 is a registered trademark of the Myron L Company.

Package includes:

- 1 x COM300 meter with translucent cap
- 1 x Packet pH7.0 Buffer Solution (PH-P7)
- 1 x Packet pH4.0 Buffer Solution (PH-P4)
- 1 x Packet pH Electrode Storage Solution
- 1 x Lanyard
- 2 x AAA batteries
- 1 x User's Guide

