



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



SKU: HMCOM300PK  
Manufacture warranty period: 12 months  
Country of Origin: USA

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,  $\mu\text{S}$ , 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:  $\pm 0.1$  pH
- EC:
  - Range: 0 – 9990  $\mu\text{S}$ ; 0 – 9.99 mS
  - Resolution: 0-999:1 $\mu\text{S}$ ; 1000-9990:10 $\mu\text{S}$ ; 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 cap
- 1 x Packet pH7.0 Buffer Solution (PH-P7)
- 1 x Packet pH4.0 Buffer Solution (PH-P4)
- 1 x Lanyard
- 2 x AAA batteries
- 1 x User's Guide
- 1 x EVA Case

