



HM Digital COM-300 pH/ EC / TDS Temp Meter Pro Kit

SKU: HMCOM300BK
Manufacture Warranty period: 12 months
Country of Origin: United State

Introduction

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. Now, come in compact portable case.

The Pro Kit includes calibration solutions as well to make ensure your testing is always on the point.



Features

- Measures Potential Hydrogen (pH), Electrical Conductivity (EC), Total Dissolved Solids (TDS), Salinity and Temperature
- Five scales: pH, μ S, mS, ppm 0.5 (NaCl) Scale & 0.7 (442TM) 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-C3)
- Factory Calibrated (pH/EC/TDS)
- Includes translucent cap, 2 (AAA) alkaline batteries, pH 4 & 7 calibration solutions, CP-1000 solution, pH storage solution and lanyard



Specifications

pH	
Detection range	0 – 14 pH
Accuracy	±0.1pH
Scales	pH
Resolution	0.1 pH
EC	
Detection range	0 – 9990 µS; 0 – 9.99 mS
Accuracy	±2%
Scales	µS / mS
Resolution	1 µS: (0-999 µS) 10 µS: (1000-9990 µS) 0.01 mS: (0-9.99mS)
TDS	
Detection range	0 – 8560 ppm (0.7 Scale) 0 – 5000 ppm (0.5 Scale)
Accuracy	±2%
Scales	ppm (0.5) ppm (0.7)
Resolution	1 ppm: (0-999ppm) 10 ppm: (1000-8560 ppm)
Temperature	
Detection range	0-50 °C 32-122 °F
Accuracy	±1 °C / °F
Scales	°C / °F
Resolution	0.1 °C / °F
EC to TDS Conversion Factor	non-linear conversions for KCL,442TM or NaCl solutions, 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 AAA Battery
Dimension	18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 inches)
Weight	101.5g (3.6 oz)

Package includes

1 compact portable case
1 translucent cap
2 (AAA) alkaline batteries
1 packet of pH Storage Solution (PH-PSTOR)
1 packet of pH 7 Buffer Solution (PH-P7)
1 packet of pH 4 Buffer Solution (PH-P4)
1 lanyard

Application

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

