

# Dilution™

## SOLUTIONS

A Dosatron International, Inc. Company

To order now, call 1-800-451-6628

## Pro HM Digital Meters

Part #: COM-100

### Product Specifications

Testing and monitoring digital meters for receiving the desired results. They easily measure conductivity, TDS, and temperature of water.

### The HM Digital Meters feature:

Digital Calibration
On-Screen Temperature
Water Proof
1-Year Warranty



### Features

- Measures electrical conductivity (EC), total dissolved solids (TDS), and temperature
- UPGRADED: Four scales:  $\mu\text{S}$ , mS, ppm, ppt (mS and ppt are new)
- Two EC-TDS conversion factors - 0.7 and 0.5
- Automatic Temperature Compensation (ATC) using three temperature coefficients
- Measurement Range: 0-9990  $\mu\text{S}$ ; 0-8560 ppm; 0-9.99 mS; 0-8.56 ppt
- 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-C1)
- Factory Calibrated: The COM-100 meter is calibrated with a 1413  $\mu\text{S}$  solution. The meter can be recalibrated with digital calibration using the push buttons, rather than a screwdriver
- Includes a cap, AAA batteries and lanyard

### Specifications

- EC Range: 0 - 9990  $\mu\text{S}$ ; 0 - 9.99 mS
- TDS Range: 0 - 8560 ppm (mg/L); 0 - 8.56 ppt
- Temperature Range: 0-80 °C; 32-176 °F
- Resolution: 0-99: 0.1  $\mu\text{S/ppm/mS/ppt}$ ; 100-999: 1  $\mu\text{S/ppm}$ ; 1000-9990: 10  $\mu\text{S/ppm}$ . Temp. resolution is 0.1 °C/F
- Accuracy: +/- 2%
- EC to TDS Conversion Factor: Non-linear conversions for KCl, 442TM or NaCl solutions, selected by the user.
- Calibration: Digital calibration by push button.
- Probe: Detachable platinum electrodes
- Housing: IP-67 Waterproof (submersible; floats)
- Power source: 3 x 1.5V button cell batteries (included) (model LR44 or equivalent)
- Dimensions: 18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 inches)
- Weight: 90.7g (3.2 oz)

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## Pro HM Digital Meters

### Part #: PH-200

### Product Specifications

Testing and monitoring digital meters for receiving the desired results. They easily measure pH, and temperature of water.

### The HM Digital Meters feature:

Digital Calibration
On-Screen Temperature
Water Proof
1-Year Warranty



### Features

- Measures pH and temperature
- Auto-ranging three point calibration with digital fine tuning
- Includes storage solution in a sponge embedded in a clear cap
- Waterproof housing (IP-67 rating)
- Simultaneous temperature display
- Measurement Range: 0-14 pH
- Digital automatic calibration (one point), with digital fine tuning
- Automatic Temperature Compensation (ATC)
- 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-P2)
- Factory Calibrated: The PH-200 meter is three-point checked and factory calibrated to pH 7.0. It can be re-calibrated to any point in its range with digital calibration using the push buttons
- Rewettable tips
- Includes a cap, AAA batteries, lanyard, and pH 7.0 buffer

### Specifications

- pH Range: 0 - 14
- Temperature Range: 0-80 °C; 32-176 °F
- Resolution: 0.01 pH; Temperature resolution is 0.1 °C/F
- Accuracy: +/- 0.02 pH; Temperature accuracy is +/-2%
- Calibration: Digital automatic calibration (one point) with digital fine tuning
- Minimum EC/TDS: 5 uS/10 ppm
- Electrode: Replaceable glass sensor and reference tube electrodes
- Housing: IP-67 Waterproof (submersible; floats)
- Power source: 3 x 1.5V button cell batteries (LR44 or equivalent; included)
- Dimensions: 18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 inches)
- Weight: 96.4 g (3.4 oz)