

COM-100: Waterproof EC / TDS / Temp Combo Meter



Ideal for all water quality testing, water purification applications, wastewater regulation, aquaculture, hydroponics, colloidal silver, labs & scientific testing, pools & spas, ecology testing, boilers & cooling towers, water treatment and more. The COM-100 is a professional level EC/TDS meter at an unbeatable price.

FEATURES

Measures electrical conductivity (EC), total dissolved solids (TDS), salinity and temperature.

UPGRADED: Four scales: μS , mS, ppm, ppt (mS and ppt are new)

Three different non-linear EC-to-TDS conversion factors (KCl, 442TM, NaCl).

Automatic Temperature Compensation (ATC) using three temperature coefficients

Waterproof housing (IP-67 rating)

Measurement Range: 0-9990 μS ; 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 μS solution. The meter can be recalibrated with digital calibration using the push buttons, rather than a screwdriver.

Includes a cap, batteries and lanyard.

SPECIFICATIONS

EC Range: 0 - 9990 μS ; **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, 442™ 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)