

## COM-100: Waterproof EC / TDS / Temp Combo Meter [PRINT PAGE](#)

**UPGRADED!** (See below) 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.

### [Instruction Manual](#)

### FEATURES

- Measures electrical conductivity (EC), total dissolved solids (TDS), salinity and temperature.
- **UPGRADED:** Four scales:  $\mu\text{S}$ , mS, ppm, ppt (mS and ppt are new)
- Three different non-linear EC-to-TDS conversion factors (KCl, 442™, NaCl).
- Automatic Temperature Compensation (ATC) using three temperature coefficients
- Waterproof housing (IP-67 rating)
- 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.



**1 YEAR WARRANTY**



### WHERE TO BUY

Find a distributor in your region.

- Includes a cap, batteries and lanyard.
- [See how the COM-100 stacks up against the competition.](#)
- Need help deciding which meter is right for you? [View our TDS/EC Meter Selection Guide.](#)

## 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, 442<sup>TM</sup> 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)