



Filtra Consultants  
& Engineers Ltd.



Premier Water Testing Instruments



# COM-100

## Waterproof Professional Series EC/TDS Meter

The COM-100 is a professional grade level 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.

### Features:

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

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-C1)

Factory Calibrated: The COM-100 meter is calibrated with a 1413  $\mu$ S solution.



Premier Water Testing Instruments

## Specification

EC Range: 0 – 9990  $\mu$ S; 0 – 9.99 mS

TDS Range: 0 – 8560 ppm (0.7 Scale); 0 – 8.56 ppt (0.7 Scale)

0 – 5000 ppm (0.5 Scale); 0-5.00 ppt (0.5 Scale)

Temperature Range: 0-55 °C

Resolution: 0-99: 0.1  $\mu$ S/ppm/ 0.01mS/ppt; 100-999: 1  $\mu$ S/ppm; 1000-9990: 10  $\mu$ S/ppm.  
Temp. resolution is 0.1 °C

EC to TDS Conversion Factor: Non-linear conversions for KCl, 442TM or NaCl solutions,  
selected by the user.

Accuracy: +/- 2%

Probe: Detachable platinum electrodes

Housing: IP-67 Waterproof (submersible; floats)

Dimensions: 18.5 x 3.4 x 3.4 cm

## Application



Water Treatment



Food & Beverage



Pool/Spa



Industrial

Available in India with

**FILTRA CONSULTANTS AND ENGINEERS LTD.**

Gala No. 2 & 3, Ground Floor, Neminath Industrial Estate No. 2, Navghar, Vasai (East), Dist.: Palghar - 401 219  
Tel.: +91 8691009127/26 Email: [filtraw@gmail.com](mailto:filtraw@gmail.com) Website: [www.ewatertreatmentindia.com](http://www.ewatertreatmentindia.com)

