



SOCOTEC

# TECHNICAL DATA SHEET

## LOVIBOND EC1 CONDUCTIVITY METER

### KEY FEATURES:

- Reads Conductivity, TDS, Salinity & Temperature.
- Temperature range; 0 to 90 °C.
- Conductivity range; 0 to 2000  $\mu$ S, 2.00 to 20.00 mS.
- TDS range; 0 to 1300 ppm, 1.30 to 13.00 ppt.
- Salinity Range; 0 to 1000 ppm.
- Floats in water.
- Auto shut off.
- Data hold.
- Only weighs 74 g.



### EC1 CONDUCTIVITY/TDS/TEMPERATURE METER

The pocket waterproof tester will float in water and give you the flexibility to monitor water conditions in rugged conditions.

The EC1 is a simple to use, accurate, reliable hand held meter which has been designed to handle the tough environment of field work. The instrument provides the user with readings for conductivity/ TDS and temperature providing maximum simplicity.

### TECHNICAL SPECIFICATION

Conductivity	
Range	0 to 2000 $\mu$ S / 2.00 to 20.00 mS
Resolution	1 $\mu$ S / 0.01 mS
Accuracy	1 $\mu$ S / 0.01 mS

Total Dissolved Solids (TDS)	
Range	0 to 1300 ppm / 1.30 to 13.00 ppt
Resolution	1 ppm / 0.01 ppt
Accuracy	1 ppm / 0.01 ppt

Salinity	
Range	0 to 1000 ppm / 1.00 to 12.00 ppt
Resolution	1 ppm / 0.01 ppt
Accuracy	1 ppm / 0.01 ppt

Temperature	
Range	0 to 90 °C
Resolution	0.1 °C
Accuracy	$\pm$ 0.2 °C

General	
Dimensions	170 x 40 x 40 mm (L x W x H)
Weight	74 g

For more information or to discuss your requirements, please call 0845 603 2112 or email [salesuk@socotec.com](mailto:salesuk@socotec.com)