

# Elcometer 138 Bresle Salt Meter

Can work in accordance with: ISO 8502-6 or ISO 8502-9



Incorporating a flat sensor, the Elcometer 138 Bresle Salt Meter measures the conductivity of a sample, then automatically converts this to show the density of salts, negating the need for the user to do a manual calculation when working in accordance with ISO 8502-6 or ISO 8502-9.

The Elcometer 138 Bresle Salt Meter features:

- Highly precise measurements can be obtained
- Out of range and low battery alarms
- Visual indication when ambient temperature is outside the operating range

## Technical Specification

Part Number	Description	
<b>E138-BSM</b>	<b>Elcometer 138 Bresle Salt Meter</b>	
Measurement Principle	2 Electrode Bipolar AC	
Minimum Sample Volume	0.12ml	
Measurement Mode	<b>ISO Mode</b>	<b>IMO Mode</b>
Measurement Range	0 - 2399µg/cm <sup>2</sup>	0 - 2199µg/cm <sup>2</sup>
Conversion Factor	µS/cm to µg/cm <sup>2</sup> : 0.12	µS/cm to µg/cm <sup>2</sup> : 0.11
	µS/cm to mg/m <sup>2</sup> : 1.2	µS/cm to mg/m <sup>2</sup> : 1.1
Resolution	0 - 239.9µg/cm <sup>2</sup> : 0.1µg/cm <sup>2</sup>	0 - 219.9µg/cm <sup>2</sup> : 0.1µg/cm <sup>2</sup>
	240 - 2399µg/cm <sup>2</sup> : 1µg/cm <sup>2</sup>	220 - 2199µg/cm <sup>2</sup> : 1µg/cm <sup>2</sup>
Accuracy	±2% full scale (for each range)	
Operating Temperature	5°C to 40°C	
Operating Humidity	85% or less relative humidity (no condensation)	
Battery Type	2 x CR2032 lithium batteries	
Battery Life	approx. 200 hours of continuous use without backlight	
Weight	50g - including sensor and batteries	
Dimensions	164 x 29 x 20mm	

## Packing List

Elcometer 138 Bresle Salt Meter
14ml Bottle of Conditioning Solution
14ml Bottle of standard 1413µS/cm calibration solution
2 x CR2032 Lithium Batteries
Operating Instructions

## Accessories

T13830628	Replacement Sensor
T13830629-1	Standard 84µS/cm Calibration Solution, 250ml Bottle

