

Elcometer 138 Basic Bresle Salt Kit

Can be used in accordance with :

AS 3894.6-A, IMO MSC.215 (82), IMO MSC.244 (83), ISO 8502-6, ISO 8502-9, SSPC Guide 15, US Navy NSI 009-32, US Navy PPI 63101-000



If a coating is applied to a contaminated surface, which is not properly prepared, it could fail prematurely resulting in costly re-coating and high maintenance costs.

Therefore it is essential to measure the level of contaminants on a surface prior to coating application to ensure the quality of the coating and that its optimum lifetime is achieved.

The Elcometer 138 Basic Bresle Kit includes the Elcometer 135C Bresle Test Patches and the Elcometer 138E Conductivity Meter. This lightweight, portable conductivity meter accurately measures the salinity of the test samples.

The sensor cartridge can be easily replaced when necessary and displays conductivity in a range of units including: S/cm & S/m.

Key Features of the Elcometer 135C Bresle Test Patch include:

- Easy to peel off after test, leaving no foam on the substrate
- 19% thicker foam walls than traditional patches - easier to insert a needle
- Sealed compartment with clear flexible membrane for sampling soluble impurities
- Covers on both sides to protect against dust and contaminants
- Supplied with a Certificate of Cleanliness & Test Area
- Available in boxes of 25 & 100



Part Numbers

E138-EC	Elcometer 138 Basic Bresle Salt Kit with Elcometer 135C Bresle Test Patches
Certificate ²	•
Measurement Range	0 µS/cm to 200.0 µS/cm, 0 µS/cm to 2000 µS/cm, 0 mS/cm to 20 mS/cm
Accuracy ³	1% full scale
Dimensions	307 x 260 x 74mm
Weight	952g

• Certificate of Cleanliness & Test Area available to download

1 See Elcometer 138 Conductivity Meter for full specification

2 Elcometer 135C Bresle Test Patches are available with your logo, contact your Elcometer representative for more information.

3 See Elcometer 138E Conductivity Meter for full specification

Test Method

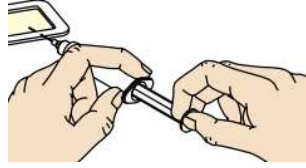
Measuring salt contamination using the Bresle method in accordance with ISO 8502-6 / ISO 8502-9



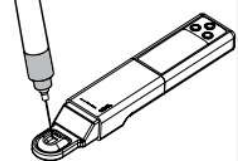
Remove protective backing and foam centre from the patch. Apply the patch to surface and press firmly around perimeter to achieve a complete seal - ensuring that a minimum amount of air is trapped within the test compartment.



Insert 3ml of deionised water from the syringe into the patch through its foam perimeter, at a 30° angle, so that it passes through the foam into the test compartment. Inject 1.5ml of water into the test compartment.



Reposition the needle and remove the remaining air within the compartment. Remove the needle and syringe and hold the syringe with the needle pointing upwards and expel the air. Insert the syringe needle into the patch and inject the remaining water.



Withdraw and pull the solution back into the syringe and re-inject back into the patch. Repeat at least four times and then extract as much solution as possible. Remove the syringe from the patch and measure the conductivity of the solution using a suitable Conductivity Meter such as the Elcometer 138.