

## Elcometer 138 Abrasive Soluble Salt Test Kit – ASTM D4940

Abrasives used for blast cleaning surfaces can be contaminated with soluble salts due to the source or the re-use of the blasting media. This contamination can be transferred to the blast cleaned surface and result in accelerated corrosion conditions and also cause premature coating failure, if this contamination is not removed prior to applying the coating.

Testing abrasives on site for soluble salt contamination can be carried out quickly and easily using the Elcometer 138 Abrasive Soluble Salt Test Kit, according to the ASTM D4940 method. A measured volume of the abrasive is mixed with the same volume of water and agitated to allow any soluble salts to dissolve in the water. The resulting slurry is allowed to settle and the filtered water can then be tested using a conductivity meter. The Elcometer 138 Abrasive Soluble Salt Test Kit provides all that is needed to carry out the test in the field or in the laboratory.



### STANDARDS:

ASTM D4940

### Technical Specification

Part Number	Description
<b>E138-A</b>	Elcometer 138 Abrasive Soluble Salt Test Kit with Elcometer 138E Conductivity Meter
Measurement Range	0 $\mu$ S/cm to 200.0 $\mu$ S/cm, 0 $\mu$ S/cm to 2000 $\mu$ S/cm, 0 mS/cm to 20.00 mS/cm
Accuracy	$\pm$ 1% full scale (see Elcometer 138E for full specification)
Dimensions	456 x 384 x 127mm (18 x 15.1 x 5")
Weight	2.2kg (4lb 14oz)
Packing List	Elcometer 138E Conductivity Meter, 1000ml (33.8 fl oz) bottle of pure distilled water, 100ml & 600ml (3.4 & 20.3 fl oz) glass beakers, 500ml (16.9fl oz) plastic measuring beaker, funnel, stirring rod, box of 100 filter papers, 1 x 20ml (0.74fl oz) standard 1413 $\mu$ S/cm (1.413 mS/cm) calibration solution, 4 x LR44 batteries, transit case and user guide

### Accessories

<b>T13827355</b>	Elcometer 138E Conductivity Meter
<b>T13827455</b>	Replacement Sensor for Conductivity Meter
<b>T13827352-2</b>	Standard 1413 $\mu$ S/cm (1.413 mS/cm) Calibration Solution – 4 x 20ml (0.74fl oz) Single Use Pouches
<b>T13827494</b>	Pure Distilled Water 1000ml (33.8fl oz) Bottle
<b>T13827495</b>	Glass Beaker 100ml (3.4fl oz)
<b>T13827496</b>	Glass Beaker 600ml (20.3fl oz)
<b>T13827498</b>	Plastic Measuring Beaker 500ml (16.9fl oz)
<b>T13827497</b>	Funnel
<b>T13827499</b>	Stirring Rod
<b>T13827500</b>	Box of 100 Filter Papers