

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
E138-A-CM	Elcometer 138 Abrasive Soluble Salt Test Kit with Elcometer 138 Conductivity Meter
Measurement Range	0 - 19.99mS/cm (see Elcometer 138 Conductivity Meter for full specification)
Accuracy	±2% of full scale (see Elcometer 138 Conductivity Meter for full specification)
Dimensions	456 x 384 x 127mm (18 x 15.1 x 5")
Weight	2.2kg (4lb 14oz)
Packing List	Elcometer 138 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 14ml (0.47fl oz) standard 1413 µS/cm (1.413 mS/cm) calibration solution, 1 x 14ml (0.47fl oz) conditioning solution, 2 x CR2032 batteries, transit case and user guide

Accessories

E138-CM	Elcometer 138 Conductivity Meter
T13830628	Replacement Sensor for Conductivity Meter
T13830629-2	Standard 1413µS/cm Calibration Solution; 250ml (8.45fl oz) Bottle
T13827494	Pure Distilled Water 1000ml (33.8fl oz) Bottle
T13827495	Glass Beaker 100ml (3.4fl oz)
T13827496	Glass Beaker 600ml (20.3fl oz)
T13827498	Plastic Measuring Beaker 500ml (16.9fl oz)
T13827497	Funnel
T13827499	Stirring Rod
T13827500	Box of 100 Filter Papers