


Elcometer 130 Salt Contamination Meter

The proper and effective preparation of a surface prior to coating, is essential. The critical factors are the surface roughness or profile and the surface cleanliness. Both of these parameters affect the adhesion of the coating to the surface.

The level of contaminants determines the cleanliness of a surface. Surface contaminants include salt contaminants (chloride), rust, dirt, mill scale and old paint. The Elcometer 130 measures the level of salt contaminants.

Soluble salts on a surface are absorbed into a special filter paper soaked with distilled water. The Elcometer 130, having measured the resistivity of the paper, calculates and displays the salt level in $\mu\text{g cm}^{-2}$.

FEATURES

- Suitable for a wide range of shapes, orientations and surfaces and finishes
- Quick and simple to use
- Battery operated and portable
- Confirms adequate cleaning of surfaces before coating, aiding the prevention of premature coating failure
- Shows salt build-up on vulnerable surfaces which can be treated to increase the lifetime of coatings
- Test papers can be re-moistened and a similar test result can be achieved - ideal for proof and ISO requirements

SPECIFICATIONS

Range	0.1 – 20 $\mu\text{g cm}^{-2}$
Resolution	0.1 $\mu\text{g cm}^{-2}$
Accuracy	±1%
Operating Range	5°C to 40°C (41°F to 104°F) <80% RH
Power Supply	9V Battery 6LR61 (MN1604) (@500 measurements)
Sampling Time	2 mins
Sampling Size	11cm circle or part of this
Weight	1.5kg (3.3lb)
Dimensions (Instrument Only)	200 x 190 x 60mm (7.9 x 7.5 x 2.4")
Dimensions (Carry Case)	450 x 300 x 150mm (17.7 x 11.8 x 5.9")

PART NUMBER

E130----1 Elcometer 130 Salt Contamination Meter – Complete Kit

Spares

T13011344 250ml Pure Water
 T1304469- 100 High Purity Test Papers
 T1304472- Pack of Medical Wipes

Shipping List:

Elcometer 130, 100 x High Purity Test Papers, 20 x PVC Bags, 3 x 2ml Syringes, Spare Battery Plastic Tweezers, 8 x Replacement Plate Support Pads, Disposable Gloves, Tissues, Aluminium Carrying Case and Operating Instructions.