

## Elcometer 134 CSN Test Kit – Chlorides, Sulphates & Nitrates



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### At a glance

- A complete on site test kit which can be used to accurately measure surface chloride, sulphate and nitrate ions from only one test sample.
- Results are in ppm &  $\mu\text{gcm}^{-2}$  - no complicated calculations needed.

### Elcometer 134 CSN Test Kit – Chlorides, Sulphates & Nitrates

Designed to accurately measure surface chloride, sulphate and nitrate ions in minutes, the Elcometer 134 'CSN Salts' offers the User the ability of trouble-free testing in the field.

- All the components of the Elcometer CSN Test Kit are pre-measured and pre-dosed for complete accuracy.
- All results are recorded in parts per million (ppm) - no complicated calculations needed to transfer these to  $\mu\text{gcm}^{-2}$  as the tests of the Elcometer 134 CSN are designed to be on a ratio of 1:1

Supplied in an ABS plastic carry case for easy portability around the site, each field kit is supplied with full instructions attached to the inside lid, together with:

- 5 x Chloride Tests
- 5 x Tests, together with 1 x Colorimeter, for Sulphate Testing
- 5 x Nitrate Test Strips
- 5 x Syringes (without needles)

### Can be used in accordance with:

ISO 8502-5, 8502-11	NACE 6G186
SSPC SP TU 4	

All Elcometer 134CSN consumables can be replenished.

### Surface Cleanliness

Surface contamination from salts such as chlorides, sulphates and nitrates have been shown to lead to blistering of organic coatings, particularly in immersion conditions.

It is not sufficient to measure the cleanliness of the substrate. In a multi-layer coating process, it is necessary to monitor and record the cleanliness of each layer prior to applying the next coating. When using amine cured epoxy coatings, for example, in low ambient temperatures or in high humidity, a surface oiliness or exudate may cause inter-coating adhesion failure.



Model	Description	Part Number
Elcometer 134	CSN Elcometer 134 Chloride, Sulphate, Nitrate Test Kit – 5 tests	E134-CSN
Accessories	1 set of 5 Chloride Tests	T134---C
	Complete Refill Kit – fully refill your test kit with 5 tests for each ion	T134-KIT