

elcometer® 134A Chloride Ion Test Kit for Abrasives

Can be used in accordance with: BS EN ISO 11127-6, BS EN ISO 11127-7, BS 7079-F16, BS 7079-F17



Chlorides deposited on a surface by contaminated abrasive during blasting can cause a coating to fail prematurely. Contamination can build up, particularly if the blast media is recycled several times.

The Elcometer 134A is an easy to use, accurate field test which determines if your abrasive is contaminated with chlorides and thus prevent costly surface-related failures.

Chloride Ion testing can now be achieved quickly and accurately using a novel extraction method, based on the CHLOR*EXTRACT™ solution.

Specifications

	Elcometer 134A	Elcometer 134S	Elcometer 134W
Measuring Range	1– 50ppm ($\mu\text{g}/\text{cm}^2$)	1 – 60ppm ($\mu\text{g}/\text{cm}^2$)	10 – 2000ppm ($\mu\text{g}/\text{cm}^2$)
Scale Resolution	1ppm	1ppm	10ppm
Sampling Time	1.5 minutes	1.5 minutes	1.5 – 4 minutes
Tests per Box	4	5	5
Colour Change	Pink to White	Pink to White	Pink to White
Storage Conditions	25°C (77°F)	25°C (77°F)	25°C (77°F)
Kit Weight	367g (13oz)	250g (9oz)	208g (7oz)
Kit Dimensions	185 x 125 x 110mm	185 x 125 x 110mm	185 x 125 x 110mm
Part Numbers	E134----2	E134----1	E134----3

The Elcometer 134 units do not require the use of needles or contain mercury.

Elcometer 134A Chloride Ion Test Kit for Abrasives
 Elcometer 134S Salt Detection Kit for Blast Cleaned Surfaces
 Elcometer 134W Chloride Ion Test Kit for Water/Liquids

Test Method

The Elcometer 134 is simple and convenient to use with its three-step process

1. Pour CHLOR*EXTRACT™ solution into the latex tube.
2. Peel the protective backing off the flange of the tube, pinch to tube to retain the CHLOR*EXTRACT™ and stick the flange to the surface to be tested. Work the solution against the surface to extract the salts.
3. Peel the flange off. Insert the glass titration tube into the solution in the tube, and read the result.



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