

Elcometer 125 Surface Comparator



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Comparators allow the estimation of surface roughness by both touch and sight.

- Available in both Grit and Shot
- Metric units only

Surface Profile
The proper and effective preparation of a surface prior to coating is essential. Making sure that the correct roughness – or profile – has been generated is essential.

If the profile is too low, the adhesion of the coating to the surface will be reduced. Too high and there is the danger that the profile peaks will remain uncoated – allowing rust spots to occur.

At a glance

- Surface Comparators used to estimate surface roughness.
- Shot and Grit units available.

Can be used in accordance with:	
ASTM D 4417 Method A	ISO 8503-1
ISO 8503-2	

	Grit	Shot
Section Profiles	25, 60, 100, 150µm	25, 40, 70, 100µm
Part Numbers	E125----1	E125----2

Related products



Elcometer 129

Similar to the Elcometer 125, the Elcometer 129 roughness comparators are available in two models: The Elcometer 129 Rubert is available in grit and shot versions whereas the Elcometer 129 Rugotest includes the shot and grit profiles on the same block.



Elcometer 127

These comparators from Keane-Tator are designed to be used with a magnifier. Consisting of 5 blasted profiles on displayed with the roughness value on each disc. In the middle of the disc there is a hole for the comparison to be undertaken using the magnifier. Sand, shot or grit versions available.



Elcometer 223

The Elcometer 223 is a battery operated digital surface profile gauge which measures the peak-to-valley height of a surface in a similar way to the Elcometer 123 analogue equivalent, but with the added benefit of a direct RS232 output for data logging.

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