

# Elcometer 127 Keane-Tator Surface Profile Comparator & Magnifier



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

- Three version: sand, shot and grit
- Five different grades of roughness in each comparator
- Designed to be used with the Elcometer 127 illuminated magnifier
- Available in Imperial 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

- Estimate surface roughness by touch and sight.
- Three versions: sand, grit and shot.

<b>Can be used in accordance with:</b>
ASTM D 4417 Method A

Profile Disc	Sand	Grit	Shot
<b>Section Profiles</b>	0.5, 1, 2, 3, 4mils	0.5, 1, 2, 3, 4mils	0.5, 1, 2, 3, 4mils
<b>Part Numbers</b>	E127----2	E127----3	E127----4
	Surface Profile Disc Holder and x5 Magnifier		E127----1

## Related products



Elcometer 125

Surface comparators allow the estimation of surface roughness by both touch and sight. These simple roughness gauges consist of 4 blasted profiles of varying roughness and are available either in a grit blasted or a shot blasted version.



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 124

The Elcometer 124 thickness gauge is used to measure the peak-to-valley height of a surface profile formed in the Elcometer 122 Testex Tape.



Elcometer 122

The Elcometer 122 testex tape allows the user to measure the peak-to-valley height of the profile and record it. Testex tape consists of foam with a non-compressible backing. The foam side is rubbed into the surface providing a permanent mould of the profile. The Elcometer 124 Thickness Gauge is then used to measure the peak-to-valley height of the profile formed.



Elcometer 101/45

Whereas comparators allow the estimation of surface roughness by both touch and sight, the Elcometer 101 estimates the roughness of iron and steel surfaces. Its scale indicates the suitability of the surface for paints, metal coatings and hard metal coatings.



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.

### ENGLAND

Elcometer Instruments Ltd  
Edge Lane  
Manchester M43 6BU

Tel: +44 (0) 161 371 6000  
Fax: +44 (0) 161 371 6010  
e-mail: sales@elcometer.com  
www.elcometer.com

### USA

Elcometer Instruments Inc  
1893 Rochester Industrial Drive  
Rochester Hills Michigan 48309

Tel: +1 248 650 0500  
Toll free: 800 521 0635  
Fax: +1 248 650 0501  
e-mail: inc@elcometer.com  
www.elcometer.com

### CANADA

Elcometer Canada Ltd  
PO Box 622, 401 Ouelette Avenue  
Windsor, Ontario N9A 6N4

Tel: +1 248 650 0500  
Toll Free: 800 521 0635  
Fax: +1 248 650 0501  
e-mail: ca\_info@elcometer.com  
www.elcometer.com

### ASIA & THE FAR EAST

Elcometer (Asia) Pte Ltd  
896 Dunearn Rd  
Sime Darby Centre #3-09  
Singapore 589472,  
Republic of Singapore

Tel: +65 6462 2822  
Fax: +65 6462 2860  
e-mail: asia@elcometer.com  
www.elcometer.com

### BELGIUM

Elcometer SPRL  
Rue Vallée 13  
B-4681 Hermalle /s Ardenteau

Tel: +32 (0)4 379 96 10  
Fax: +32 (0)4 374 06 03  
e-mail: be\_info@elcometer.be  
www.elcometer.be

### FRANCE

Elcometer SARL  
BP 8-Bou  
60 Rue de la Petite Levée  
45430 Chécy

Tel: +33 (0)2 38 86 33 44  
Fax: +33 (0)2 38 91 37 66  
e-mail: fr\_info@elcometer.fr  
www.elcometer.fr

### GERMANY

Elcometer Instruments GmbH  
Himmlingstraße 18  
D-73434 Aalen

Tel: +49 (0) 7366 91 92 83  
Fax: +49 (0) 7366 91 92 86  
e-mail: de\_info@elcometer.de  
www.elcometer.de