

# Elcometer 7060/4 SURFTEST SJ-301 Roughness Tester



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The new generation, high performance roughness unit, working on the same principle as the Elcometer 7060 but fitted with a built-in printer and a large LCD touch panel for numeric/graphic display & settings.

Each unit is supplied with standard sensor and accessories, AC adapter and roughness specimen.

Parameters available include:

- Ra, Ry, Rz, Rt, Rq, Rv, Sm, S, Pc, R3z, mr, Rpk, Rvk, ó c, Rk, Mr1, Mr2, Lo, Ppi, R, AR, Rx, A1, A2.

### 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

- Enhanced version of the Elcometer 7060.
- Built in printer.
- LCD touch panel for numeric/graphical display.

## FEATURES

- Analysis graphs: BAC1, BAC 2, ADC
- Working range: Ra 0.01 to 75µm (0 to 3mils), Ry/ Rz 0.02 to 300µm (0 to 12mils)
- Cut-off lengths: 0.08, 0.25, 0.8, 2.5, 8mm (0.003, 0.01, 0.03, 0.1, 0.31")
- Sampling: x1, x3, x5 Digital filter and recording magnification.
- Statistics: minimum, maximum, standard deviation, pass ratio, frequency distribution.
- Adjustable limits.
- RS232 output to statistical printer or PC.

Model	Description	Part Number		
		UK 240V	EUR 220V	US 110V
Elcometer 7060/4	Elcometer 7060/4 SURFTEST SJ-301 Roughness Tester	KOUK7060M002	K0007060M002	KOUS7060M002
Accessories	RS232 Interface Cable		KT007060P102	
	Built-in Battery Pack		KT007060P202	
	Elcometer 7060 Software		KT007060P999	

## Related products



Elcometer 7060

Designed for measurement of machined profiles, these gauges measure the profile by the use of a motorised travel of the sensor which passes over the surface to be tested. A range of different roughness values can be displayed on the LCD.



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.



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 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 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.

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