

# Elcometer 7060 SURFTEST SJ-201P Roughness Tester



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A portable device operating on the inductive principle to measure the roughness of a wide variety of surfaces.

This instrument consists of a processing unit with digital display of the current parameters, and a mobile measurement head which is fitted with a retractable diamond stylus sensor, (5µm/0.2mils radius), and has a working load of 4mN.

The roughness profiles are determined by motorised travel of the sensor over the surface to be tested.

Each unit is supplied with roughness reference standard, case, tools and mains adapter.

Parameters available include:

- A1, A2, mr Mr1, Mr2, Pc, R3z, Ra, Rk, Rp, Rpk, Rq, Rt, Rvk, Ry, Rz, S, Sm and Vo.

## 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

- Easy to use portable device.
- Digital display.
- Can be connected to a printer or PC.

- RS232 output for statistics printer or PC
- Working range: Ra 0.01 to 75µm (0 to 3mils), Ry/Rz 0.02 to 300µm (0 to 12mils)
- Cut-off lengths: 0.25, 0.8, 2.5mm (0.01, 0.03, 0.1")
- Sampling lengths: 0.25, 0.8, 2.5mm (0.01, 0.03, 0.1")
- Number of sampling spans: x1, x3, or x5x.

Model	Description	Part Number		
		UK 240V	EUR 220V	US 110V
Elcometer 7060	Elcometer 7060 SURFTEST SJ-201P Roughness Tester	K0UK7060M003	K0007060M003	K0US7060M003
Accessories	RS232 Interface Cable	KT007060P103		
	Built-In Battery Pack	KT007060P203		
	Elcometer 7060 Software	KT007060P999		