

Portable Surface Roughness Gauge

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CALRIGHT INSTRUMENTS

The Right Source For Your Test & Measurement Needs

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Roughness parameter	Ra, Rz, Rq(RMS), Rt
Assessed Profiles	Primary profile(p), Roughness profile(R) tp curve (Mr)
Conformance Standards	ISO/ DIN/ JIS/ ANSI
Measuring System	Metric μm , Imperial μinch
Display Resolution	+/- 20 μm = 0.001 μm +/- 40 μm = 0.002 μm +/- 80 μm = 0.004 μm
Display Range	Ra, Rq: 0.005 μm up to 16 μm Rz, Rt: 0.02 μm up to 160 μm
Pick Up Measuring Range	+/- 80 μm
Sensor Specifications	5 μm Diamond Tip Stylus
Sensor Angle	90°
Contact Force	4mN (0.4gf)
Display features	SStylus position sensor Battery level indicator Direct display of parameters Direct printing Auto-off with auto store
Data output	RS 232 to printer/ PC
Cut-off lengths	0.25mm/ 0.8mm/ 2.5mm
Tracing length Lt	1.3mm – 17.5mm
Digital Filter	RC, PC-RC, GUASSIAN, D-P
Traverse Length	Selectable 1,3 or 5
Power	Li-Ion battery
Working temperature	5-40 degrees C.
Dimensions	139mm x 56mm x 48mm
Weight	450g



Optional Accessories:	
SRG4000-050	Precision Support Stand
SRG4000-110	Stylus Extension
SRG4000-700	Calibrated Reference Standard

- Features:
- Menu driven operating system
 - 4 Different roughness parameters
 - Inside/ Outside Diameters
 - Stylus position indicator
 - RS 232 output to printer/ PC
 - Extended memory functions

SRG-4000 **\$ 1,495**

SRG4000-050

Optional Precision Test Stand \$ 349