

# 60 Portable Surface Roughness Gauge



## SRG-4000

### Optional Accessories:

SRG4000-050	Precision Support Stand
SRG4000-110	Stylus Extension
SRG4000-130	2µm Diamond Stylus
SRG4000-140	Stylus for Grooves
SRG4000-150	Stylus for Curved Surfaces

### Features:

- 4 Different roughness parameters
- Inside/Outside Diameters
- Stylus Level Indicator



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 pinch
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
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	1 lb.

**SRG-4000 Surface Roughness Tester**

**SRG4000-050 Optional Precision Test Stand**