

# 60 Portable Surface Roughness Gauge



#### Optional Accessories:

SRG4000-050	Precision Support Stand
SRG4000-110	Stylus Extension
SRG4000-130	2 $\mu$ m Diamond Stylus
SRG4000-140	Stylus for Grooves
SRG4000-150	Stylus for Curved Surfaces

#### Features:

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



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

**SRG-4000 Surface Roughness Tester**

**SRG4000-050 Optional Precision Test Stand**