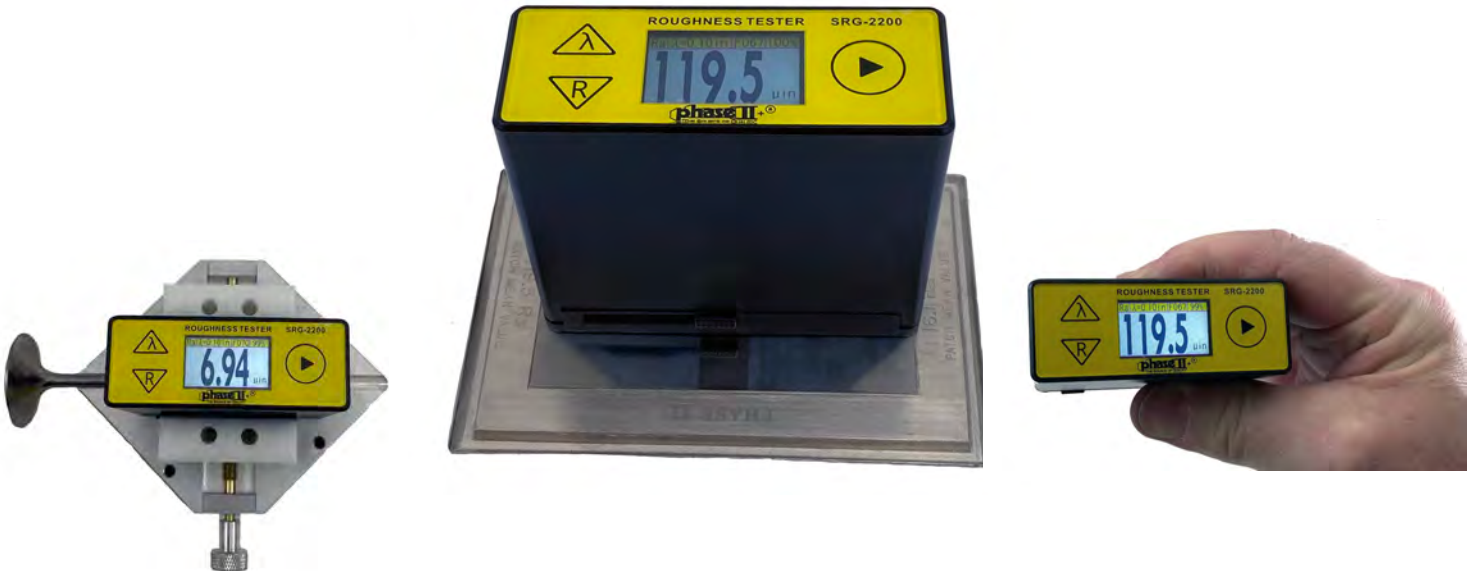


# Surface Roughness Tester

w/Bluetooth Data Output!



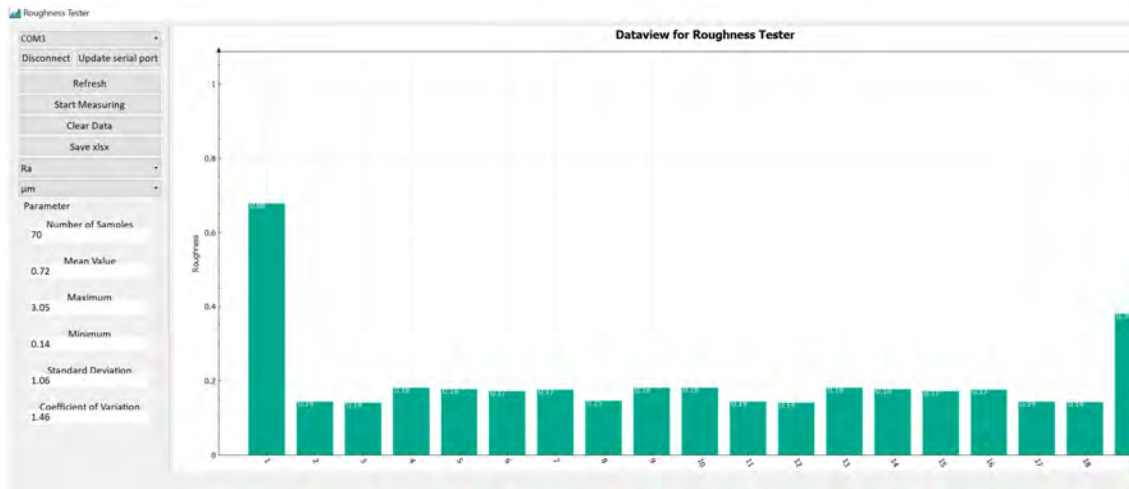
*Shown w/Optional Vise*

**Parameters: Ra, Rms, Rt and Rz**

## Specifications:

<b>Roughness parameter</b>	Ra, Rms(Rq), (ISO), Rt, Rz (DIN)
<b>Measuring range</b>	Ra: 0.05-10.0 $\mu$ m / Rz 0.1-50 $\mu$ m Rms: 0.05-10.0 $\mu$ m / Rt: 0.1-50 $\mu$ m
<b>Display Type</b>	1.14" IPS TFT
<b>Cut-off lengths</b>	0.01in., 0.03in., 0.10in (0.25, 0.80, 2.50mm)
<b>Filter</b>	Gauss Digital
<b>Tracing length</b>	0.23in (6mm)
<b>Evaluation Length</b>	1.25mm, 4.0mm, 5.0mm
<b>Tracing speed</b>	0.04in/second (1.0mm/second)
<b>Accuracy</b>	Within +/- 7% of actual value
<b>Pick-up stylus</b>	Piezo-electric
<b>Tracer tip</b>	Diamond, radius 10 $\mu$ m +/- 2.5 $\mu$ m
<b>Memory / Transmission</b>	500 Values / Bluetooth
<b>Operating temperature</b>	32-104 degrees F (0-40 degrees C)
<b>Power</b>	1pc 1.5v AA Battery
<b>Contact force on probe</b>	<0.5N
<b>Static measuring force of sensor stylus</b>	<0.16N
<b>Dimensions</b>	73x28x62mm
<b>Weight</b>	0.5lbs (220g)

***Data Output Software is Included!***



## SRG-2200 Surface Roughness Tester

### SRG2000-VISE Optional Vise

The New Phase II **SRG-2200** Mini Surface Roughness Tester is a next generation of surface roughness tester developed by the Phase II Metrology Group that features high accuracy, a wide range of application, simple operation and stable performance. It is widely applicable in surface roughness testing all kinds of metals and non-metals.

#### **Large memory with data output via Bluetooth.**

The 1.14" IPS TFT display shows choice of surface roughness parameter **Ra, Rz, Rq and Rt** at the touch of a button, combined with the selected cutoff length. External calibration of the surface roughness value is possible by means of a built-in calibration feature which makes adjustment of this instrument very easy. Data output via Bluetooth makes saving surface roughness results fast and easy.

The easy to use **SRG-2200** surface roughness tester operates on various surfaces, not only flat but also outer cylinder, outer cone, grooves, and recesses greater than 80x 30mm. The areas of application are wide-spread. It is suitable for inspection departments, quality control, on the shop floor during machining, during assembly, and on site.

**The PHASE II SRG-2200 surface roughness tester comes complete with a compact durable carrying case, surface roughness standard, data output software and instruction manual.**