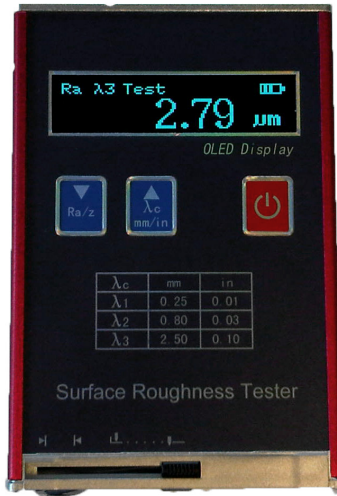


## Surface Roughness Tester GR110



- Easy-to-operate: just push one button
- Easy-to-read bright OLED display
- Display in  $\mu\text{m}$  or  $\mu\text{inch}$
- Measures Ra, Rz, Rq(RMS), and Rt
- High-speed DSP processor
- Durable aluminum shell
- Long-lasting rechargeable battery

### Specifications:

Measures shapes: flat, outer cylinder, sloping surfaces

Measures materials: metal and non-metal processing parts

Parameters: Ra, Rz, Rq (RMS), Rt ( $\mu\text{m}$  or  $\mu\text{inch}$ )

Cut-off length: 0.009"/0.03"/0.09" (0.25/0.8/2.5 mm)

Max drive range: 0.23" (6.0 mm)

Display resolution: 0.01  $\mu\text{m}$ /0.01  $\mu\text{inch}$

Measurement range: Ra, Rq 0.05-15.0  $\mu\text{m}$ ; Rz, Rt 0.1-50  $\mu\text{m}$

Sensor:	piezoelectric type
Sensor-stylus:	radius 10 $\mu\text{m}$ , 90° angle
Accuracy:	$\pm 15\%$
Repeatability:	<12%
Battery:	3.7 V lithium-ion battery
Dimension:	106×70×24 mm
Weight:	200 g
Operating temp:	-20 °C to 40 °C
Relative humidity:	<90%

#### **Standard accessories:**

- Main unit with sensor (pick-up)
- Charger
- Roughness test plate/patch/block with support frame
- NIST calibration certificate
- Instruction manual
- Carrying case

#### **Optional accessories:**

- NIST calibration certificate for test plate



[www.landmarkprecision.com](http://www.landmarkprecision.com)

Tel: (201) 788-6268

Email: [info@landmarkprecision.com](mailto:info@landmarkprecision.com)