



FLEXBAR PORTABLE SURFACE-ROUGHNESS TESTER

A Precision, Fully Self-Contained Compact Tester Incorporating An Advanced Microprocessor. Performs data acquisition, data processing and display of all test measurements.

The **Model No. 15950** Portable Surface Roughness Tester features an integrated processor, display and sensor, and allows for user selectable readings in Ra and Rz. Measures flat, round and sloping planes, grooves, and recesses greater than 3.1" x 1.2"

- **Certified Reference Specimen Included**



Other Features include:

- Use in any position, horizontal, vertical or anywhere in between
- Ra, Rz, μm , pinch at touch of a button
- Multi-functional LCD
- 3 cut-off lengths
- Rechargeable
- Easy calibration

Surface Roughness Parameter	Ra (ISO), Rz (DIN), Rms (Rq), Rt
Measuring Range	Ra: 0.05~10 μm /Rz, Rt: 0.1~50mm
Resolution	0.01 μm (1.6minch)
Cut-Off Lengths	0.0009in., 0.03in., 0.09in.
Tracing Lengths	0.23in. (6mm)
Accuracy	$\pm 12\%$ of actual value
Pick-up Stylus	Piezo-electric
Tracer Tip	Diamond, radius 5mm
Power	3.6v/2 x NiMh batteries
Charger	9V DC
Contact Force on Probe	<1.8ozf (<50gf)
Static Measuring Force on Sensor Stylus	<0.06 ozf (<1.6gf)
Dimensions	4.9 x 2.8 x 1.0 in. (125 x 73 x 26mm)
Weight	0.4lbs. (200g)

MODEL NO. DESCRIPTION

15950	Flexbar Portable Surface Roughness Tester, includes certified reference specimen, instructions and compact durable carrying case
15951	Replacement Stylus for No. 15950