

Basic Type Roughness Tester DR130



Features

- OLED display
- Metal shell, pocket size
- 4 parameters: Ra, Rz, Rq and Rt
- Easy operation with 3 keys
- USB for charge
- Protective shield for protecting pickup from damage
- 16 hours continuous work on Li battery
- Automatic shut down for power saving



Standard Delivery

- Main Unit
- Test plate
- Test block
- AC adapter/charger and cable
- Operating manual
- Carrying case
- Calibration Certificate

Technical Specification

Measurement range	Ra: 0.05~10.0 μ Rz: 0.1~50.0 μ Rq: 0.05~10.0 μ Rt: 0.1~50.0 μ
Roughness parameter	Ra, Rz, Rq and Rt
Tracing length	6mm
Cut-off length	0.25mm/0.8mm/2.5mm
Evaluation length	1.25mm/4.0mm/5.0mm
Accuracy	$\pm 15\%$
Repeatability	$< 12\%$
Radius and angle of the stylus point	Diamond, radius: 10 $\pm 1\mu$ Angle: 90 $^{\circ}$ (+5 $^{\circ}$ or -10 $^{\circ}$)
Operating temperature	0 $^{\circ}$ C~+40 $^{\circ}$ C
Relative humidity	$< 90\%$
Dimensions	106mm (L) \times 70mm (W) \times 24mm (H)
Weight	0.2kg (including batteries)