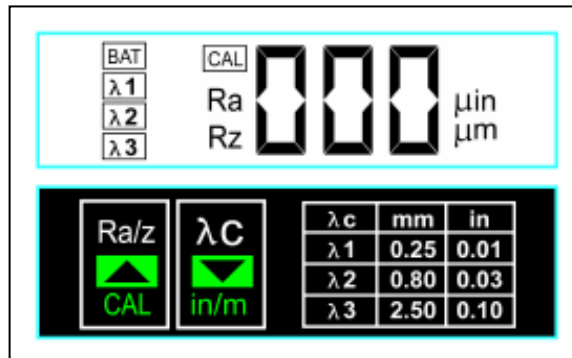


Surface Roughness Tester TR100



- Pocket-size & economically price
- Large measuring range suitable for most materials
- Measures flat, outer cylinder and sloping surface
- Both Ra and Rz parameters in one instrument
- Features external calibration at keyboard
- Standard conform to ISO and DIN
- Rechargeable batteries, work while charging



Technical specifications

Roughness parameter	Ra, Rz
Tracing length	6mm
Tracing speed	1.0mm/sec
Cut-off lengths	0.25mm/0.8mm/2.5mm
Evaluation length	1.25mm/4.0mm/5.0mm
Measuring range	Ra: 0.05-10.0μ Rz: 0.1-50μ
Accuracy	±15%
Repeatability	<12%
Filter	RC analogue
Pick-up	Piezoelectric
Radius and angle of the stylus point	Diamond, Radius : 10±2.5μ Angle: 90°(+5°or -10°)
Operating temperature	0-40 °C
Relative humidity	±80%
Storing temperature	-25 °C -60 °C
Ventilation	Grade 3
Power supply	3.6V/2×NiMh-batteries
Charger	DC 9V, 10 - 15 hours (recharging time)
Dimensions (L×W×H)	125×73×26mm
Weight	200g

Standard delivery

- Main unit 1
- Protection cover for pickup 1
- Specimen Ra 1
- Charger 1
- TIME certificate 1
- Instruction manual 1
- Warranty card 1
- Carrying case 1

Optional accessories

- None