

Surface Roughness Tester TR110



- Developed Model of TR100, more fashionable appearance
- Large LCD with Backlight
- Protective slide for pick-up
- Pocket-sized & economically priced
- Large measuring range suitable for most materials
- Both Ra and Rz parameters in one instrument
- Features external calibration at keyboard



Technical specifications

Roughness parameter	Ra, Rz
Tracing length	6mm
Tracing speed	1.0mm/sec
Cut-off lengths	0.25mm/0.8mm/2.50mm
Evaluation length	1.25mm/4.0mm/5.0mm
Measuring range	Ra 0.05 - 10.0 μ m Rz 0.1 - 50 μ m
Accuracy	\pm 15%
Repeatability	<12%
Filter	RC analogue
Pick-up	Piezoelectric
Stylus tip	Diamond, radius $10 \pm 2.5 \mu$ m Angle: $90^\circ (+5^\circ \text{ or } -10^\circ)$
Operating temperature	0-40 $^\circ$ C
Relative humidity	<80%
Storing temperature	-25 $^\circ$ C -60 $^\circ$ C
Ventilation	Grade 3
Power supply	3.6V Li-ion battery
Charger	DC6V, 3 hours (recharging time)
Dimensions (L×W×H)	110×70×24mm
Weight	200g

Standard Delivery

- Main unit 1
- Roughness test plate Ra 1
- Charger 1
- TIME certificate 1
- Instruction manual 1
- Warranty card 1
- Carrying case 1

Optional accessories

- None

Distributor:
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