

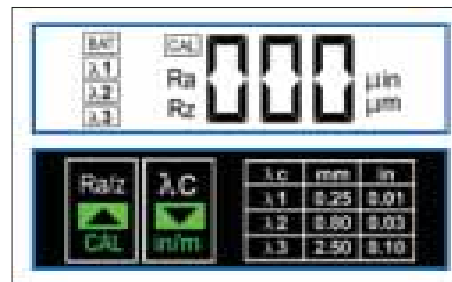
SURFACE ROUGHNESS TESTER TR100/110

ISO 9001



Features:

- Pocket-size & economical 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
- TR110 is equipped with Li-ion battery and backlight



Technical Specification

	TR100	TR110
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: 0.05-10.0 μm Rz: 0.1-50 μm	
Tolerance	≤ ± 15%	
Repeatability	< 12%	
Filter	RC analogue	
Pick-up	Piezoelectric	
Radius and angle of the stylus point	Diamond, Radius : 10 ± 2.5 μm	
	Angle: 90 ° (+5 ° or -10 °)	
Operating temperature	0-40	
Humidity	< 80%	
Storing temperature	-25~60	
Power supply	3.6V/2 × NiMh-batteries	3.6V Li-ion battery
Backlight	No	Yes
Charger	DC 9V, 8 - 12 hours (recharging time)	DC6V, 3 hours (recharging time)
Dimensions	125 × 73 × 26mm	110 × 70 × 24mm
Weight	200g	160g

Standard Delivery

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

Optional accessories

Various Ra specimen with Ra values: 0.1 μm, 0.2 μm, 0.4 μm, 0.8 μm, 3.2 μm