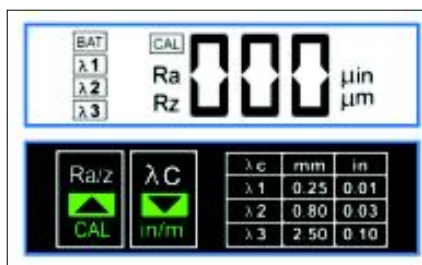


SURFACE ROUGHNESS TESTER TR100/110



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: 0.05-10.0μm Rz: 0.1-50μm	
Tolerance	≤ ± 15%	
Repeatability	< 12%	
Filter	RC analogue	
Pick-up	Piezoelectric	
Radius and angle of the stylus point	Diamond, Radius : 10 ± 2.5μm Angle: 90° (+5° or -10°)	
Operating temperature	0-40°C	
Humidity	<80%	
Storing temperature	-25°C ~60°C	
Verification	Grade 3	
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 (L × W × H)	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: 0.1μm, 0.2μm, 0.4μm, 0.8μm, 3.2μm