

# 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 $\mu$ Rz 0.1-50 $\mu$
Accuracy	$\pm 15\%$
Repeatability	<12%
Filter	RC analogue
Pick-up	Piezoelectric
Stylus tip	Diamond, radius $5 \pm 1\mu$ Angle: $90^\circ (+5^\circ \text{ or } -10^\circ)$
Operating temperature	0-40
Relative humidity	<80%
Storing temperature	-25 -60
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