

SURFACE ROUGHNESS TESTER TR-110™

Handheld surface roughness tester for external surfaces and grooves

- LCD with back-light
- Dynamic test display: progress of cut-off length during testing
- Li-ion rechargeable battery
- Protection slide on pick-up
- Auto-off after 90 seconds
- Sound signal start-test-ready
- Pocket-sized and economically priced!
- Both Ra and Rz parameters in one instrument
- Software calibration
- Large measuring range suitable for most materials
- Piëzo-electric pick-up stylus for external surfaces



Technical specifications

| | |
|---------------------------------------|--|
| Roughness parameter | Ra, Rz |
| Units | μm / μinch |
| Measuring range | Ra: 0.05-15.0μm / Rz: 0.1-50μm |
| Cut-off lengths | 0.25mm, 0.8mm, 2.5mm |
| Filter | 2CR |
| Functions | Dynamic display during testing, sound signal start-test-ready, auto-off 90 seconds, back-light LCD |
| Calibration | By CAL function |
| Min. curvature of cylindrical surface | 40mm diameter (V-grooved base) |
| Tracing length | 6mm |
| Tracing speed | 1.0mm/sec |
| Accuracy | Conforms to ISO Class 3 |
| Pick-up stylus | Piëzo-electric |
| Tracer tip | Diamond, radius 5μm |
| Operating temperature | 0°C - 40°C |
| Power | 3.6 V / Li-ion batteries / low battery indication |
| Charger | 6V DC |
| Dimensions | 110mm x 70mm x 24mm |
| Weight | 200gr |

Standard delivery

- Main unit
- Protection cover for tracer
- Roughness test plate Ra
- Charger
- Soft bag
- Carrying case
- Manual
- Certificate

Optional accessories

- UKAS certified roughness test plates