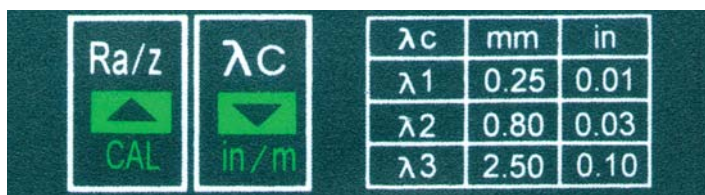


# SURFACE ROUGHNESS TESTER TR-100™

Handheld surface roughness tester for external surfaces and grooves

- Pocket-sized and economically priced!
- Both Ra and Rz parameters in one instrument
- Software calibration
- Rechargeable batteries
- 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
Calibration	By CAL function (on keypad)
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 ± 1μm
Operating temperature	0°C - 40°C
Power	3.6V / 2xNiMH-batteries / low battery indication
Charger	9V DC (rechargeable while working)
Dimensions	125mm x 73mm x 26mm
Weight	200gr

## Standard delivery

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

## Optional accessories

- UKAS certified roughness test plates