



Surface Roughness Tester TR110/TIME®3110

The TR110/TIME®3110 is a portable surface roughness tester for high-precision measurements with a wide measuring range and outstanding performance on metallic and non-metallic surfaces. Its compact design allows direct use in production processes.

Features

- Piezoelectric probe system with high measuring accuracy
- Adjustable parameters (Ra/Rz) and measuring length
- Display backlight
- Auto-off after 90 seconds
- Integrated stylus tip protection
- Calibratable via keypad

Scope of Delivery

- Main unit with integrated micro-probe
- Roughness standard
- Charger
- User manual
- Carrying case

Technische Daten

Parameter	TR110/TIME®3110
Measuring range Ra	0.05 – 15.0 μm
Measuring range Rz	0.1 – 50 μm
Cutoff wavelength	0.25 / 0.8 / 2.50 mm
Filter	2 CR
Measuring length	6 mm
Measuring speed	1.0 mm/s
Stylus	Diamond, radius 5 mm
Min. workpiece diameter	from 40 mm Ø (V-groove)
Accuracy	ISO class 3
Operating temperature	0 – 40 °C
Power supply	3.0 V Li-ion battery
Dimensions	110 × 70 × 24 mm
Weight	200 g

Technische Änderungen vorbehalten.