

# Portable Roughness Tester TR110



## Features

- Developed Model of TR100 with a 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
- Standard conform ISO and DIN
- Rechargeable Li-ion batteries, work while charging

## Specifications

Parameters :	Ra (ISO), Rz (DIN)
Measuring range :	Ra : 0.05-10.0 mic Rz : 0.1-50 mic
Cut-off length :	0.25 mm, 0.8 mm, 2.5 mm
Evaluation length :	1.25 mm, 4.0 mm, 5.0 mm
Tracing length :	6 mm
Tracing Speed :	1.0 mm/sec
Accuracy :	±15%
Repeatability :	<12%
Filter :	RC Analogue
Pick-up :	Piezoelectric
Stylus tip :	Diamond, radius 10.0 ±2.5 mic Angle : 90 (+5° or -10°)
Power supply :	3.6V / 2 x Li-ion – batteries
Charge :	9V DC, 3 hours (recharging time)
Operating Temperature :	0 - 40°C
Relative Humidity :	<80%
Storage Temperature :	-25 to 60°C
Ventilation :	Grade 3
Dimensions :	1110 x 70 x 24 mm
Weight :	200 g



## Standard delivery

- Processor integrated with pick-up
- Roughness standard test plate Ra
- Battery charger
- Carrying case
- Certificate
- Manual
- Guarantee card