

# SURFACE ROUGHNESS TESTER

## SURFACE ROUGHNESS TESTER LEEB452



### FUNCTION & FEATURE:

- Metal shell, stronger and anti-electromagnetic interference
- Adapts high speed DSP processor to get fast measurement
- With OLED dot matrix indicator
- Application for measuring flat surface, conical surface and also groove larger than 80\*30mm.
- with ISO/ DIN/ CE/ JIS/ FCC standards.
- Power supply: 3.7V rechargeable Li-ion battery.

### TECHNICAL SPECIFICATION

Model	Leeb452
Roughness parameter	Ra, Rz, Rq, Rt
Measuring range	Ra:0.05-10.0μm Rz:0.1-50μm
Resolution	0.01μm
Cut-off lengths	0.25mm / 0.8mm / 2.5mm
Evaluation length	1.25mm / 4mm / 5mm
Tracing length	6mm
Standard	ISO, DIN, ANSI, JIS
Error of indication	≤ ±10%
Variation of indication	<6%
Sensor	Piezocrystal
Arc Radius & Angle of Sensor	Radius of sensor stylus:10.0±2.5μm Angle:90°
Force & Change rate	Sensor stylus forc: ≤0.016N change rate: ≤800N/m
Stylus force	≤0.5N
Power supply	Rechargeable 3.7V Lithium-Ion battery
Operating temperature	0°C -40°C
Weight	200g
Dimensions	106×70×24mm
Standard configuration	Main Unit, Calibration block, Power charger, Supporting platform Manual, Certificate, Warranty card

