

**ROUGHNESS TESTER**  
**TMR120**



**FEATURES**

- ★ Pocket-size & economically price
- ★ Using the high speed microprocessor DSP;
- ★ Using the OLED screen, bright and without visual angle
- ★ Data output USB port
- ★ Large measuring range suitable for most materials
- ★ Measures flat, outer cylinder and sloping surface
- ★ Both Ra and Rz parameters in one instrument
- ★ Works on 3.7V rechargeable lithium-battery, work while charging
- ★ Real time battery indicator

**TECHNICAL SPECIFICATIONS**

Roughness parameter	Ra, Rz, Rq, Rt
Tracing length	6mm
Tracing speed	1.0mm/sec
Cut-off lengths	0.25mm/0.8mm/2.5mm
Evaluation length	1.25mm/4.0mm
Measuring range	Ra: 0.05-10.0μm Rz: 0.1-50μm
Accuracy	±5%
Repeatability	<12%
Radius and angle of the stylus point	Diamond, Radius : 10μm±1μm Angle: 90°(+5°or -10°)
Power supply	3.7V Li-ion battery
Recharging time	3 hours
Operating temperature	-20-40 °C
Relative humidity	<90%
Dimensions (L×W×H)	106×70×24mm
Weight	200g

**STANDARD DELIVERY**

Main unit TMR120  
Specimen Ra  
Charger & USB cable  
Instruction manual  
Carrying case



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