

## DIGITAL SURFACE ROUGHNESS TESTER SRT6200

**APPLICATION:** This instrument is widely used in production site to measure surface roughness of various machinery-processed parts, calculate corresponding parameters according to selected measuring conditions and clearly display all measurement parameters.

### FEATURES:

- Display : 4 digits,10mm LCD, with blue backlight
- Parameters: Ra, Rz
- Display Size: 43 X 29mm.
- Unit Size: 140 X 57 X 48mm (5.5 X 2.2 X 1.9 inch)
- Weight: About 420 gms
- Accessories: Instruction Manual, Battery Charger, Sensor, Calibration Block, Adjustable leg, Screwdriver sheath of sensor, carrying case.
- Optional Accessories: RS 232 cable & Software.



### SPECIFICATIONS:

- Measuring Range: Ra: 0.05-10.00 $\mu$ m/1.000-400.0 $\mu$ inch  
Rz: 0.020-100.0  $\mu$ m /0.780-4000 $\mu$ inch
- Accuracy: Not more than 10%
- Self-Calibration Function
- Sensor: Test Principle: Inductance type  
Radius of Probe Pin: 10 $\mu$ m  
Material of Probe Pin: Diamond  
Probe Angle: 90°
- PC Interface: RS 232
- Cutoff length 0.25mm / 0.8mm / 2.5mm (Selectable)
- Operating conditions: Temp. 0~50°C, Humidity <80% RH □ Power Supply: Li-ion battery inbuilt & rechargeable