

# RTD-100

## Surface Roughness Gauge

Portable, Pocket Surface Roughness measuring instrument for quick, basic measurement.

Results are available in Ra or Rz scale and automatically displayed on screen at the completion of selected sample length. Best suited to flat, or larger external curved surfaces.



### Features:

- Compact, lightweight & easy to use
- Rugged full metal shell design, sturdy, compact, portable, high reliability.
- Uses DSP chip to control for high speed data processing & low power consumption
- Clear and bright OLED digital graphic display shows all results with no external light interference.
- Built-in rechargeable (via USB) battery allows up to 20 hours of continuous work
- Automatic shutdown and power saving function

### Technical Data:

|                                |                                         |
|--------------------------------|-----------------------------------------|
| <b>Maximum Travel</b>          | 6mm                                     |
| <b>Indication Error</b>        | ±10%                                    |
| <b>Parameter</b>               | Ra (0.05μm ~ 10μm); Rz (0.1μm ~ 50μm)   |
| <b>The sampling length (L)</b> | 0.25mm, 0.8mm, 2.5mm                    |
| <b>Evaluation length (L)</b>   | 1.25mm, 4mm, 5mm                        |
| <b>Power Supply</b>            | Built-in rechargeable battery (via USB) |

### Standard Kit Configuration:

Main drive unit  
 Calibration reference specimen  
 USB charging cable + Power adapter  
 User operating manual  
 Warranty Certificate