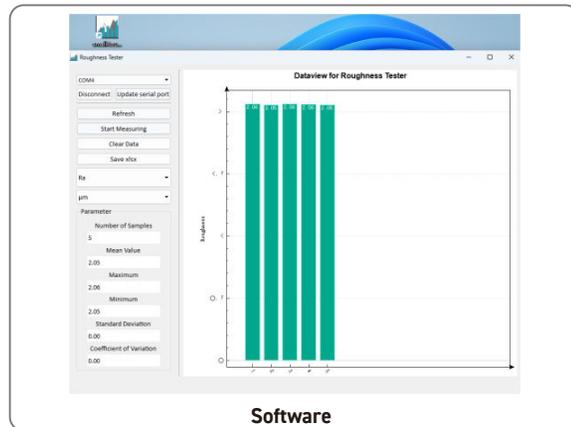
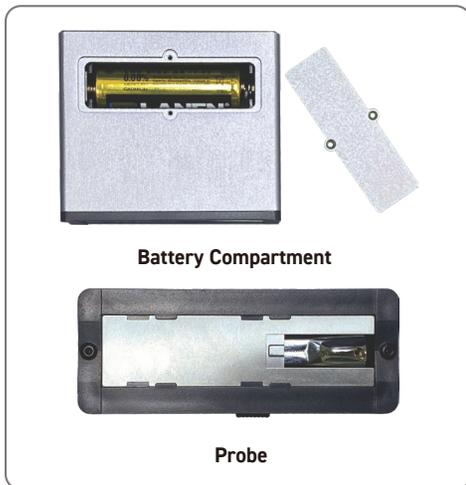
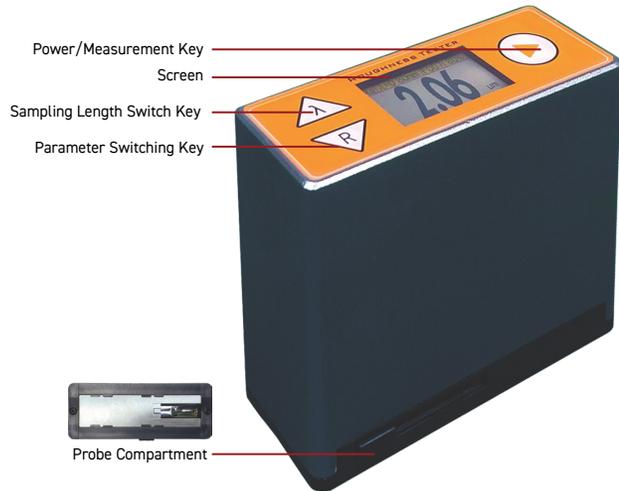


MIDLAND METROLOGY LIMITED

PORTABLE SURFACE ROUGHNESS TESTER

CODE:iSurfa-100

- Designed with durable aluminum die, it has excellent anti-electromagnetic interference and modern aesthetics.
- Pocket-sized, integrating sensor and main body.
- Low-power ARM processor enhances measurement and calculation speed.
- 1.14" IPS TFT LCD with high brightness and no dead angle, suitable for various environments.
- Long-lasting with an AA battery.
- Bluetooth adapter for communication with smartphones.
- Stores 500 measurement data groups.
- Real-time battery power monitor with charging reminders.
- Automatic shutdown and low-power design ensure long field use.
- Protective door on sensor probe ensures accuracy and safety.



STANDARD DELIVERY

| | |
|--------------------------|------|
| Main Unit | 1 pc |
| Calibration Block | 1 pc |
| Instrument Case | 1 pc |
| Screwdriver | 1 pc |

OPTIONAL DELIVERY

| | |
|--------------------------|--------|
| Bluetooth Adapter | SRT-BA |
|--------------------------|--------|

TECHNICAL SPECIFICATION

| | |
|---------------------------------------|-------------------------------------------------------------------------------------------------|
| Measuring Range(µm) | Ra,Rq: 0.05~10.0 Rz,Rt: 0.1~50 |
| Parameter(µm) | Ra,Rz,Rq,Rt |
| Travel Length(mm) | 5.6 |
| Sample Length(mm) | 0.25,0.80,2.50 |
| Evaluation Length(mm) | 1.25,4.0 |
| Display Error | ±10% |
| Display Variability | <12% |
| Stylus Radius and Angle | 90°(+5°,-10°) |
| Stylus Radius | 10µm±1 µm |
| Measuring Force of Probe | ≤0.016N |
| Force Change Rate | ≤800N/m |
| Sensor Guide Pressure | ≤0.5N |
| Battery | One 1.5V AA Dry Battery |
| Dimensions | 73mm×28mm×62mm |
| Net Weight | 220g |
| Working Environment Conditions | Temperature: -20°C~40°C Relative Humidity: < 90% No Vibration And Corrosive Medium Around |