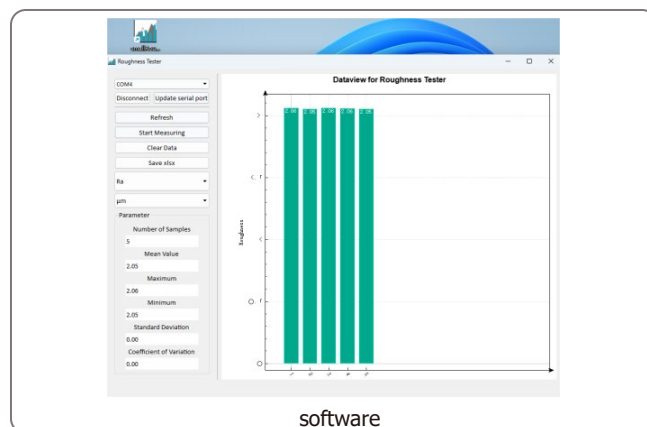
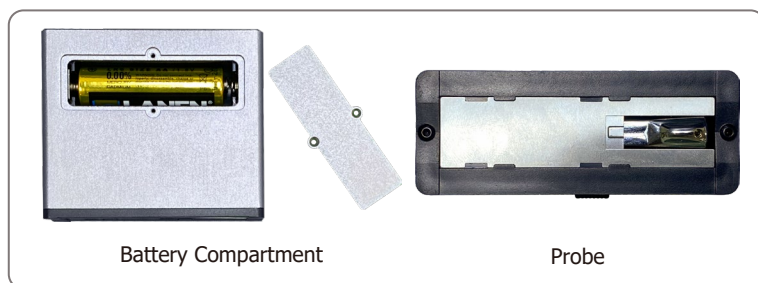
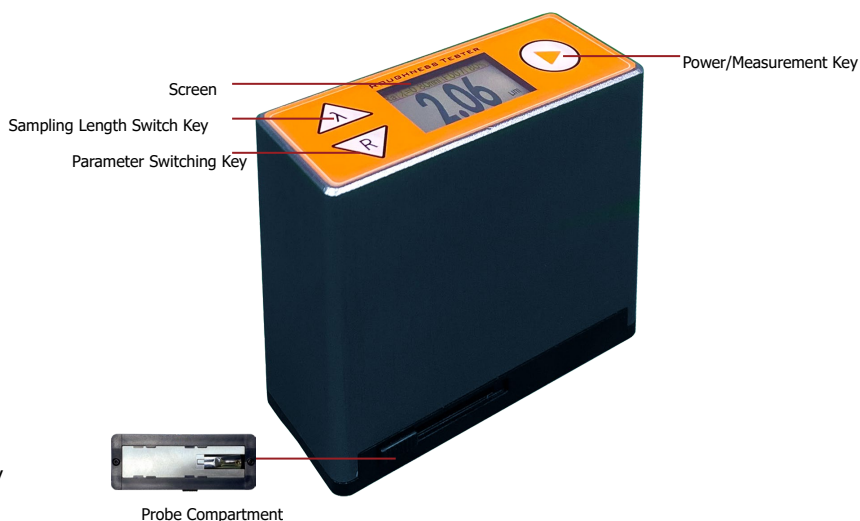


## PORTABLE SURFACE ROUGHNESS TESTER CODE:iSurfa-100

- The exterior is designed by drawing aluminium die, which is durable and has remarkable anti-electromagnetic interference ability, and conforms to the new trend of design today.
- This is a pocket-sized instrument with an integrated sensor and main body.
- Low-power consumption ARM processor is used for data processing and calculation, which greatly improves the speed of measurement and calculation.
- The display LCD adopts 1.14 inch IPS TFT, with high brightness and no visual dead angle, which is suitable for various occasions
- With a AA battery, it can work for a long time
- Equipped with Bluetooth adapter, it can communicate with Bluetooth devices such as smart phones
- 500 groups of measurement data can be stored
- Monitor and display the power of battery in real time, timely remind users to charge and with charging progress prompt.
- The automatic shutdown function and low-power software and hardware design make the instrument work for a long time, which is suitable for all kinds of field use.
- The sensor probe has a protective door, which effectively protects the sensor probe and ensures the accuracy of measurement.



### TECHNICAL SPECIFICATION

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



### STANDARD DELIVERY

Main Unit	1
Calibration Block	1
Operating Manual	1
Certificate	1
Guarantee Card	1
Suitcase	1
Screwdriver	1

### OPTIONAL DELIVERY

Bluetooth Adapter	
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