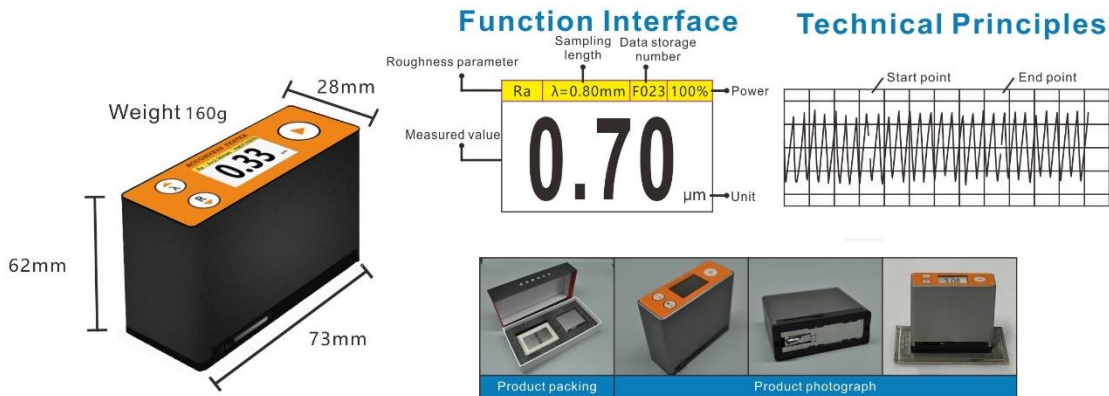


Small Surface Roughness Tester Roughness Waviness Tester SSR100



Features

1. The exterior is designed by drawing aluminium die, which is durable and has remarkable anti-electromagnetic interference ability
2. 500 groups of measurement data can be stored
3. The ARM microprocessor with low power consumption is used for data processing and calculation, which has a very high energy efficiency ratio.
4. With a AA battery, it can work for a long time
5. Optional Bluetooth interface, which can communicate with PC and other Bluetooth devices.
6. The upper computer software is equipped to facilitate data reading and operation (see page 20 for details).

Product Introduction

SSR100 portable roughness tester is a new generation of portable surface roughness tester introduced by our company. It has the characteristics of high measurement accuracy, wide measurement range, simple operation, easy portability and stable operation. It can be widely used in the detection of various metal and non-metal processing surfaces. It is a pocket instrument integrated with the host and sensors. It has the characteristics of hand-held, and is more suitable for use in the production site.

Product Technical Parameters

Stroke length(mm)	5.6	Sampling length(mm)	0.25, 0.80, 2.50
Evaluation Length (mm)	1.25, 4.0, 5.6	Measuring range(μm)	Ra, Rq:0.05 ~ 10.0 Rz, Rt: 0.1 ~ 50
Indication variability	< 6%	Indication error	±10%
Arc radius and angle of sensor stylus tip	Tip arc radius: 10 μm±1 μm Angle: 90° ₁₀	Static force of sensor stylus	≤0.016N
Power Supply	One 1.5V dry battery	Working environment conditions	Temperature: 0°C ~ 40°C Relative humidity: < 90% No vibration and corrosive medium around
Weight	160g		

Standard Configuration

Name	Quantity	Name	Quantity
Roughness tester host	1	User manual	1
Calibration block	1	Certificate	1
Dry battery	1	Warranty card	1
Screwdriver	1	Instrument box	1