

KASON 310 Surface roughness meter



19 YEARS

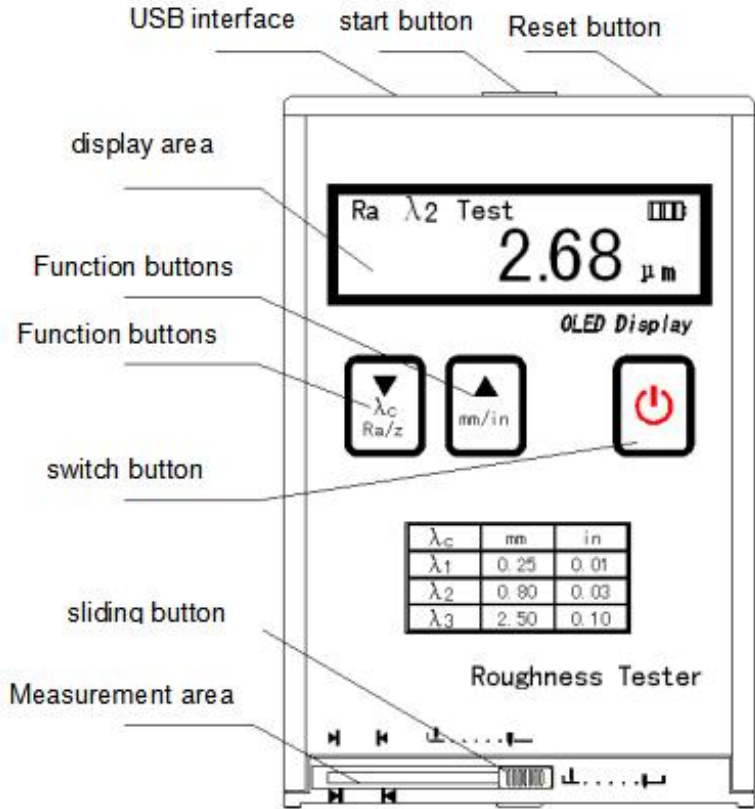
Development Base of Advanced Testing Machine Of China

Product introduction

This product is a new generation of pocket-friendly surface roughness meter launched by our company. It has the characteristics of high measurement accuracy, wide measurement range, easy operation, portability, and stable operation. It can be widely used in the detection of various metal and non-metal processing surfaces. This instrument is a pocket-sized instrument with an integrated sensor host. The hand-held feature makes it more suitable for use at the production site.

Feature

- The appearance is designed using a drawn aluminum mold, which is sturdy and durable, has significant anti-electromagnetic interference capabilities, and is in line with today's new design trends.
- Using a high-speed DSP processor for data processing and calculation, the measurement and calculation speed is greatly improved.
- The display LCD adopts the popular OLED color display, with high brightness, no viewing angle, and wide temperature, suitable for various occasions.
- Uses lithium-ion rechargeable battery, which can work for a long time without memory effect. It can work while charging. The charging time is short and the battery life is long.
- Use the universal USB interface for charging and communication. Use a dedicated charger or the USB port of your computer to charge, which is convenient and fast.
- Dot matrix LCD display, rich interface prompt information.
- Real-time monitoring and display of lithium battery power, promptly reminding users to charge and providing charging progress prompts.
- The automatic shutdown function and low-power consumption software and hardware design make the instrument work for a long time and is suitable for various on-site uses.
- The sensor probe has a protective door, which effectively protects the sensor probe and ensures measurement accuracy.



Technical Parameters

- ◆ Measurement parameters (μm): Ra, Rz, Rq, Rt
- ◆ Stroke length (mm): 6
- ◆ Sampling length (mm): 0.25, 0.80, 2.50
- ◆ Evaluation length (mm): 1.25, 4.0
- ◆ Measurement range (μm): Ra: 0.05 ~ 15.00 Rz: 0.1 ~ 50
- ◆ Indication error: ±15%
- ◆ Indication value variability: <12%
- ◆ Sensor stylus tip arc radius and angle:
 - Tip arc radius: 10 μm±1 μm
 - angle: $90^{+5^{\circ}}_{-10^{\circ}}$
- ◆ Sensor stylus static measurement force and its change rate:
 - Static measuring force of stylus: ≤ 0.016N
 - Force measurement change rate: ≤ 800N/m
- ◆ Sensor guide pressure: ≤ 0.5N
- ◆ Battery: 3.7V lithium-ion battery
- ◆ Outline dimensions: 106 mm×70 mm×24 mm
- ◆ Weight: 200g
- ◆ Working environment conditions: Temperature: -20℃~40℃
 - Relative humidity: < 90%
 - No vibration or corrosive media around

Standard configuration

serial number	name	quantity	unit
1	chassis	1	set
2	sensor	1	piece
3	Battery	1	piece
4	charger	1	piece
5	Standard calibration block	1	piece

19 YEARS

Professional focused on testing equipment

KASON is established in 2003,owns more than 8000 square meters factory.has a professional sales teams, modern enter prise technology center,scientific and technological research and development team.

Machines passed the European CE authentication,American FDA certificate and and ISO 9001.

Products sold to USA, Canada, Australia, Europe, Africa etc,more than 130 countries and supply OEM service for many customers

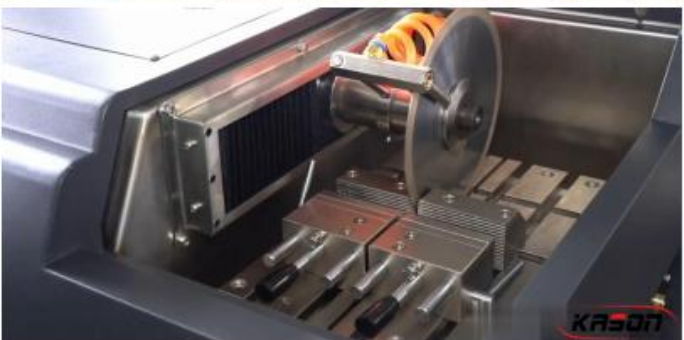
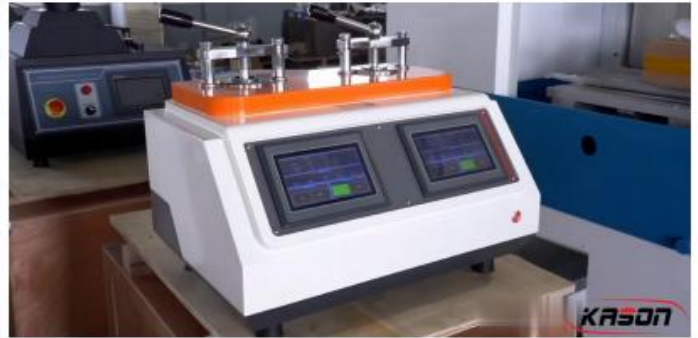
PROFESSIONAL TEAM

KASON has a professional sales teams, modern enter prise technology center,scientific and technological research and development team.





METALLURGICAL PRODUCT SHOW



KASON reserves the right to modify the technical and stetics characteristics included in this document, without previous notice

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