



KR-110 Smart Oppervlakte ruwheidstester



Product features:

- 1, can choose 4 measurement parameters **Ra, Rz, Rt, Rq**;
- 2, using the **dual screen design**, convenient in measurement from the top window reading;
- 3, with a calibration function, easy to operate;
- 4, using **ARM processor** for data processing and calculation, fast speed, low power consumption, high precision;
- 5, **OLED liquid crystal display**, high brightness, wide viewing angle, wide temperature, suitable for various occasions;
- 6, **mobile phone synchronization control function**, avoid the influence of pressure on the key measurement, also suitable for narrow space operation.
- 7, **two kinds of charging**, charger or computer USB port can be charging, charging work, convenient and quick;
- 8, the sensor head has a **protective door**, effective protection of the sensor, to ensure the accuracy of measurement.

The scope of application:



Widely used in machining, aerospace, automotive parts, electric power, communications, electronics and other industries, also apply to universities, research institutes, technical supervision, special inspection institute etc..

Technical parameter:

Measurement parameters Ra、Rz、Rq、Rt

Measurement range (μm) Ra、Rq: 0.05 ~ 10.0; Rz、Rt: 0.1 ~ 50

Sampling length (mm) 0.25 , 0.80 , 2.5

Assessment length (mm) 1.25 , 4.0 , 5.0

Stroke length (mm) 6

Indication accuracy 0.01μm

Indication error ± (7-10) %

Indication value variation <12%

Tip radius 10 μm±1 μm

Stylus static force ≤ 0.016N

Force change rate ≤ 800N/m

Sensor head pressure ≤ 0.5N

Battery 3.7Vlithium battery

Outline dimension 110 mm×81mm×32 mm

weight 150g

Standard configuration:

Name Number Name Number

host 1 Standard

sample

1

power adapter 1 USB line 1

instructions 1 Warranty card 1

Certificate of
qualification

1 Packing list 1

Communication Software Computer & Mobile 1