

## Portable Ruwheidsmeter KR-100



### Features:

- Pocket-size & economically price;
- Using the high speed microprocessor DSP;
- Using the OLED screen, bright and without visual angle
- USB Charging port
- Large measuring range suitable for most materials
- Measures flat, outer cylinder and sloping surface
- Both Ra and Rz parameters in one instrument
- Works on 3.7V rechargeable lithium-battery, work while charging
- Real time battery indicator

## Technical Specifications:

<b>Roughness parameter</b>	Ra,Rz,Rq,Rt
<b>Tracing length</b>	6mm
<b>Tracing speed</b>	1.0mm/sec
<b>Cut-off lengths</b>	0.25mm/0.8mm/2.5mm
<b>Evaluation length</b>	1.25mm/4.0mm
<b>Measuring range</b>	Ra: 0.05-10.0µm Rz: 0.1-50µm
<b>Accuracy</b>	±15%
<b>Repeatability</b>	<12%
<b>Radius and angle of the stylus point</b>	Diamond, Radius : 10µm±1µm Angle: 90°(+5° or -10°)
<b>Power supply</b>	3.7V Li-ion battery
<b>Recharging time</b>	3 hours
<b>Operating temperature</b>	-20-40 °C
<b>Relative humidity</b>	<90%
<b>Dimensions (L×W×H)</b>	106×70×24mm
<b>Weight</b>	200g

## Standard delivery:

- Main unit KR-100
- Specimen Ra
- Charger and USB cable
- Instruction Manual