

- 16 roughness parameters
- With probe position indicator
- Connected with printer via bluetooth
- Can display roughness values, profile and curve
- Memory of maximum 100 results
- Automatic power off



probe cover (included)



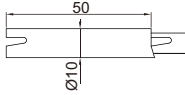
can put the small workpieces directly on the probe for measurement

adjustable stand (included)

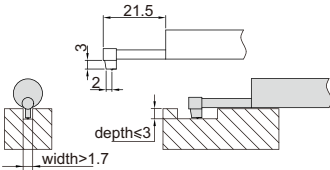


Unit: mm

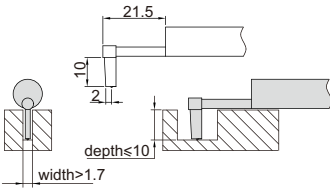
extension rod (optional),
code ISR-C100-ER



groove probe (optional),
code ISR-C100-130



deep groove probe (optional),
code ISR-C100-131



wireless printer (optional)



test stand (optional)



the maximum workpiece height is 310mm

remote control (included)



Android APP for mobile device (included), the roughness tester can be controlled by mobile phone or tablet via bluetooth, the maximum working distance is 5m

measuring software for PC (included)



control the roughness tester, display roughness values, profile and curve

SPECIFICATION

| | | |
|---------------------------|----------------------------|--|
| Parameters | | Ra, Rq, Rz, Rv, Rp, Rm, Rt, RS, Rsm, R3z, R3y, Rz (JIS), Rku, Rsk, Rmax, Rpc |
| Range | | 160 μ m |
| Accuracy | | $\pm 10\%$ |
| Resolution (Ra) | | 0.001 μ m |
| Probe | type | inductive |
| | stylus radius/angle | 5 μ m/90° |
| | stylus material | diamond |
| Measuring force | | 0.4mN |
| Measuring unit | | μ m/ μ in |
| Cut off | | 0.25/0.8/2.5mm |
| Number of cut-offs | | 1 to 5 |
| Traverse speed | | 0.5mm/s, 1mm/s |
| Memory | | 100 measurement results |
| Output | | USB and bluetooth |
| Power | | built-in rechargeable battery |
| Dimension (L×W×H) | | 140×52×48mm |
| Weight | | 440g |

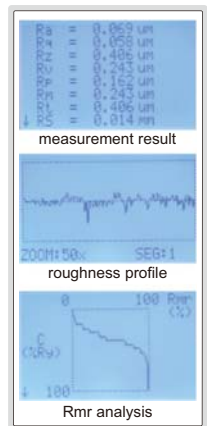
STANDARD DELIVERY

| | |
|--------------------------------------|-------------|
| Main unit | 1pc |
| Standard probe | 1pc |
| Calibration block and support | 1pc of each |
| Adjustable stand | 1pc |
| Probe cover | 1pc |
| USB cable and software for PC | 1pc |
| Android APP for mobile device | 1pc |
| AC/DC adapter | 1pc |

OPTIONAL ACCESSORY

| | |
|--------------------------|------------------|
| Extension rod | ISR-C100-ER |
| Groove probe | ISR-C100-130 |
| Deep groove probe | ISR-C100-131 |
| Test stand | ISR-C100-STAND |
| Wireless printer | ISR-C100-PRINTER |

screen display



measurement result

roughness profile

Rmr analysis