

ROUGHNESS TESTER CODE ISR-C002



software CD
(included)



VIDEO

BULETOOTH

DATA
OUTPUT



probe cover (included)



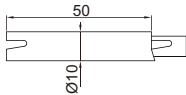
put the small workpieces directly
under the probe for measurement

adjustable stand (included)

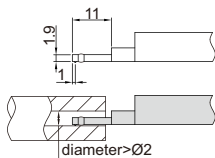


Unit: mm

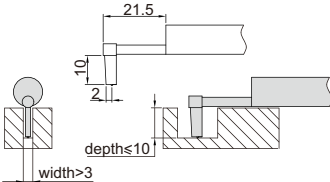
extension rod (optional),
code ISR-C002-ER



small hole probe (optional),
code ISR-C002-SBP



deep groove probe (optional),
code ISR-C002-DGP



wireless printer (optional)



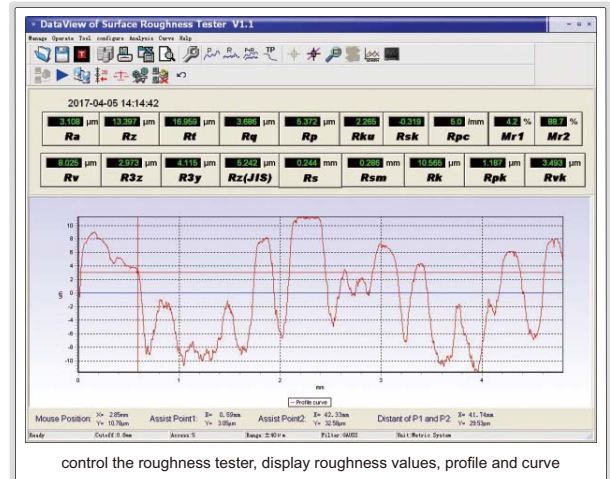
test stand (optional)



the maximum workpiece
height is 310mm

- 21 roughness parameters
- Connected with printer via bluetooth
- Display roughness values, profile and curve
- Memory of maximum 100 results
- Automatic power off

measuring software for PC (included)

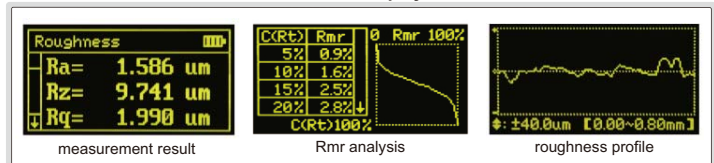


control the roughness tester, display roughness values, profile and curve

SPECIFICATION

| | | |
|---------------------------|--|-----------|
| Parameters | Ra, Rz, Rq, Rv, Rp, RS, R3z, R3y, Rt, Rz (JIS), Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Ry (JIS), Rmax | |
| Range | 160μm | |
| Accuracy | ±10% | |
| Resolution (Ra) | 0.001μm | |
| Probe | type | inductive |
| | stylus radius/angle | 5μm/90° |
| | stylus material | diamond |
| Measuring force | 4mN | |
| Measuring unit | μm/μin | |
| 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) | 141×55×40mm | |
| Weight | 400g | |

screen display



measurement result

Rmr analysis

roughness profile

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 |
| AC/DC adapter | 1pc |

OPTIONAL ACCESSORY

| | |
|-------------------|------------------|
| Extension rod | ISR-C002-ER |
| Deep groove probe | ISR-C002-DGP |
| Small hole probe | ISR-C002-SBP |
| Test stand | ISR-C002-STAND |
| Wireless printer | ISR-C002-PRINTER |