ROUGHNESS TESTER
CODE ISR-C002

BLUETOOTH

DATA OUTPUT

CAN BE OPERATED BY MOBILE PHONES OR COMPUTERS

VIDEO

- Roughness tester can be operated by mobile phones (only Android system) or computers
- Data can be sent to Excel by connecting to computers via bluetooth or SPC cable
- Support bluetooth printer
- 21 roughness parameters
- Display roughness value, profile and curve
- Memory of maximum 100 results
- Automatic power off

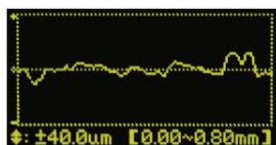software flash disk (included)

bluetooth printer (**optional**)

screen display

measurement result

roughness profile

Rmr analysis

probe cover (included)

put the small workpieces directly under the probe for measurement
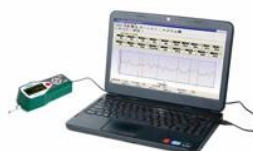
operate roughness tester by mobile phones

connect to mobile phones via bluetooth (only Android system), display roughness values, profile and curve

operate roughness tester by computers

connect to computers via USB cable (software is included), display roughness values, profile and curve

adjustable stand (included)

light duty test stand (**optional**)

the maximum workpiece height is 220mm

heavy duty test stand (**optional**)

the maximum workpiece height is 310mm

data can be sent to Excel by connecting to computer via bluetooth or SPC cable

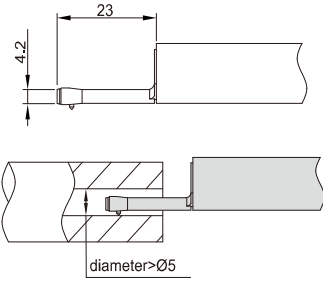**via bluetooth**
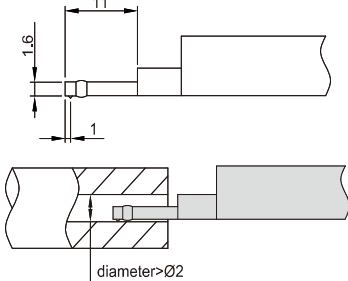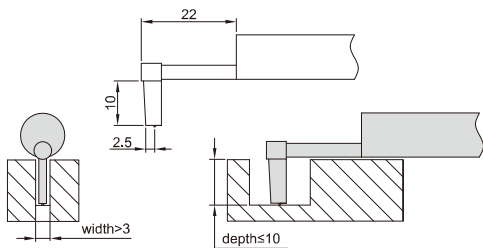
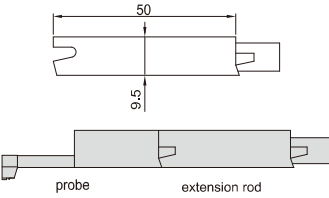receiver (**optional**)

via SPC cable

SPC cable (**optional**)

receiver (**optional**)

standard probe, 5µm/90° (included), code ISR-C002-PROBE

23   4.2   diameter>Ø5

tiny hole probe, 5µm/90° (optional), code ISR-C002-SBP

11   1.6   1   diameter>Ø2

deep groove probe, 5µm/90° (optional), code ISR-C002-DGP

22   10   2.5   width>3   depth≤10

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

50   9.5   probe   extension rod

transverse rod (optional), code ISR-C002-TR

deep groove probe, 5µm/90° (optional), code ISR-C002-DGP1

21.5   44   15   13   1.2   depth<15   width>3

Need to be delivered with roughness tester **ISR-C002**, recommended for use above Ra 0.1µm

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		320µm (-160µm~160µm)
Accuracy		±10%
Resolution (Ra)		0.001µm
Standard Probe (ISR-C002-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-off		1 to 5
Moving speed		0.5mm/s, 1mm/s
Memory		100 measurement results
Output		bluetooth and USB
Power		built-in rechargeable battery
Dimension (W×D×H)		141×55×40mm
Weight		400g

STANDARD DELIVERY

Main unit	1 pc
Standard probe	1 pc
Calibration block and support	1 pc of each
Adjustable stand	1 pc
Probe cover	1 pc
Software and USB cable	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Tiny hole probe	ISR-C002-SBP
Deep groove probe	ISR-C002-DGP
Deep groove probe	ISR-C002-DGP1
Extension rod	ISR-C002-ER
Transverse rod	ISR-C002-TR
Light duty test stand	ISR-C002-STAND1
Heavy duty test stand	ISR-C002-STAND
Bluetooth printer	ISR-C002-PRINTER
Receiver	ISR-C300-RECEIVER
SPC cable	ISR-C300-SPC