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

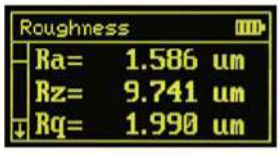


software flash disk (included)

bluetooth printer **(optional)**



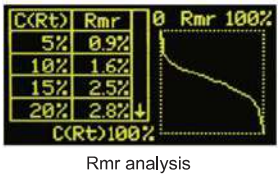
screen display



measurement result



roughness profile



Rmr analysis

probe cover (included)



put the small workpieces directly under the probe for measurement



adjustable stand (included)



operate roughness tester by mobile phones



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

light duty test stand **(optional)**



the maximum workpiece height is 220mm

operate roughness tester by computers



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

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)**





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 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

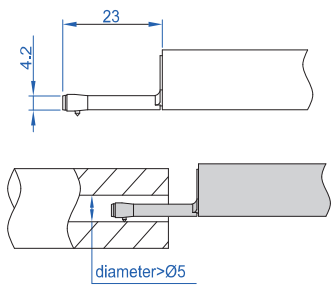
OPTIONAL ACCESSORY

Tiny hole probe	**ISR-C002-SBP**
Deep groove probe	**ISR-C002-DGP**
Deep groove probe	**ISR-C002-DGP1**
Extension rod	**ISR-C002-ER**
Extension rod	**ISR-C002-ER100**
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**

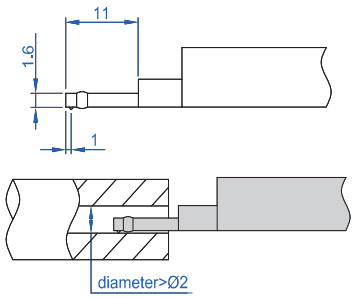
optional probes

unit: mm

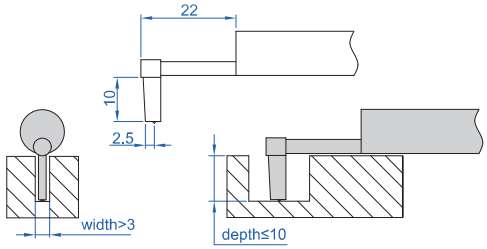
standard probe, 5μm/90° (included), code **ISR-C002-PROBE**



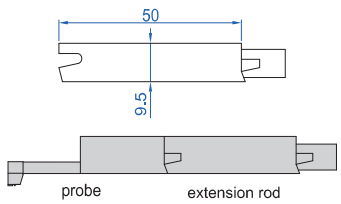
tiny hole probe, 5μm/90° **(optional)**, code **ISR-C002-SBP**



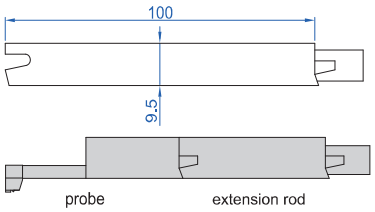
deep groove probe, 5μm/90° **(optional)**, code **ISR-C002-DGP**



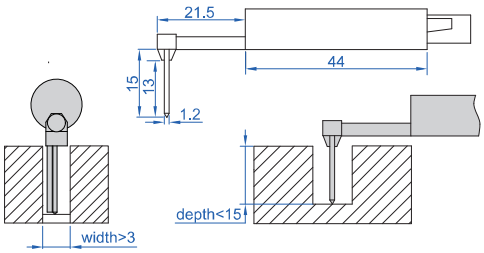
extension rod **(optional)**, code **ISR-C002-ER**



extension rod **(optional)**, code **ISR-C002-ER100**

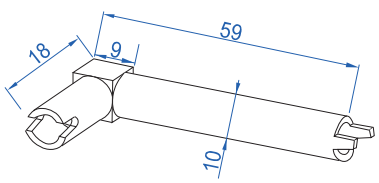


deep groove probe, 5μm/90° **(optional)**, code **ISR-C002-DGP1**



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

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





recommended for use with height calipers or stands