

ROUGHNESS TESTER CODE ISR-C002

BLUETOOTH

DATA
OUTPUT

CAN BE OPERATED BY
MOBILE PHONES OR COMPUTERS



- 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

probe cover (included)

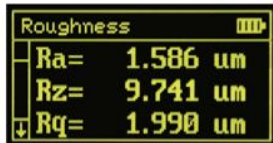


put the small workpieces directly under the probe for measurement

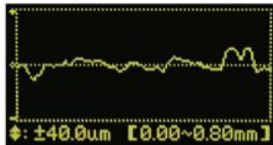
adjustable stand (included)



screen display



measurement result



roughness profile



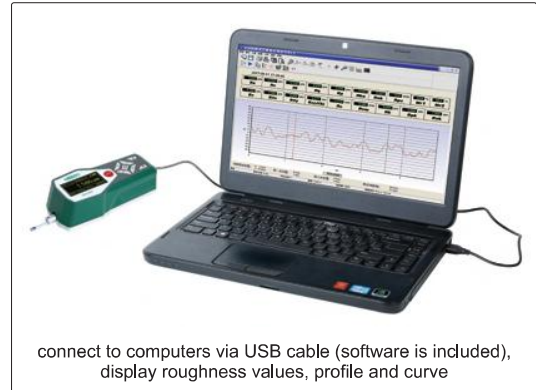
Rmr analysis

operate roughness tester by mobile phones



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

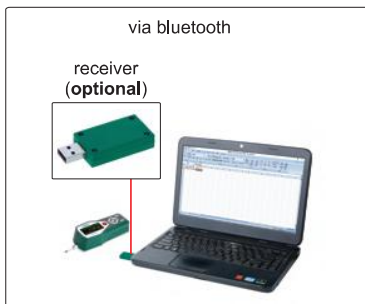
operate roughness tester by computers



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

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

via bluetooth



SPC cable (optional)



via SPC cable

receiver (optional)



software flash disk (included)



bluetooth printer (optional)



light duty test stand (optional)



heavy duty test stand (optional)



optional probes

Unit: mm

<p>standard probe, 5μm/90° (included), code ISR-C002-PROBE</p>	<p>deep groove probe, 5μm/90° (optional), code ISR-C002-DGP</p>	
<p>tiny hole probe, 5μm/90° (optional), code ISR-C002-SBP</p>	<p>extension rod (optional), code ISR-C002-ER</p> <p>probe extension rod</p>	<p>extension rod (optional), code ISR-C002-ER100</p> <p>probe extension rod</p>
<p>transverse rod (optional), code ISR-C002-TR</p>	<p>deep groove probe, 5μm/90° (optional), code ISR-C002-DGP1</p> <p>need to be delivered with roughness tester ISR-C002, recommended for use above Ra0.1μm</p>	

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		320 μ m (-160 μ m~160 μ m)
Accuracy		±10%
Resolution (Ra)		0.001 μ m
Standard probe (ISR-C002-PROBE)	type	inductive
	stylus radius/angle	5 μ m/90°
	stylus material	diamond
Measuring force		4mN
Measuring unit		μ m/ μ in
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 supply		built-in rechargeable battery
Dimension (L×W×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