

BLUETOOTH

DATA  
OUTPUT

CAN BE OPERATED BY  
MOBILE PHONES OR COMPUTERS

# ROUGHNESS TESTER CODE ISR-C002



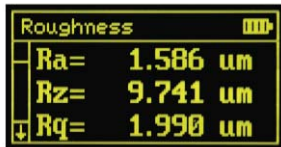
software CD  
(included)



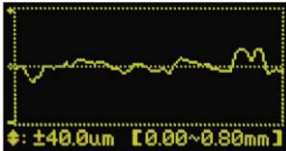
- Roughness tester can be operated by mobile phones (only Android system) or computers
- Data can be sent to Excel by connecting to computers via bluetooth or SPC cable
- Support bluetooth printer
- 21 roughness parameters
- Display roughness value, profile and curve
- Memory of maximum 100 results
-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



screen display



measurement result



roughness profile



Rmr analysis

probe cover (included)



put the small workpieces directly under the probe for measurement



adjustable stand (included)

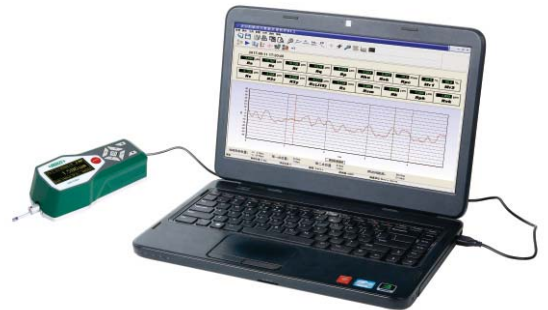


operate roughness tester by mobile phones



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

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

receiver(optional)



via SPC cable

SPC cable (optional)



receiver (optional)



bluetooth printer (optional)



light duty test stand (optional)

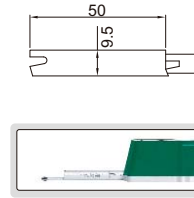
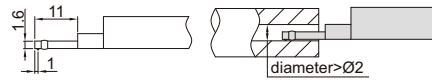
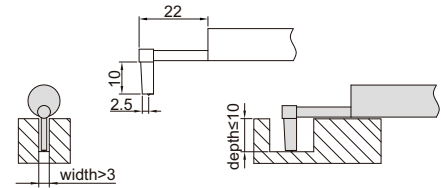


the maximum workpiece height is 220mm

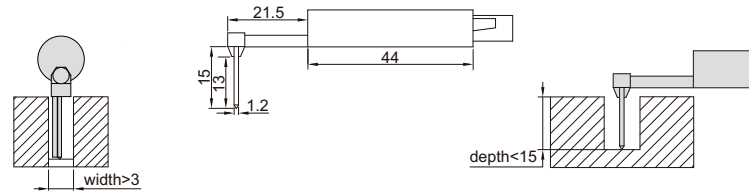
heavy duty test stand (optional)



the maximum workpiece height is 310mm

extension rod (optional),  
code ISR-C002-ERtransverse rod (optional),  
code ISR-C002-TRtiny hole probe (optional),  
code ISR-C002-SBPdeep groove probe (optional),  
code ISR-C002-DGP

deep groove probe (optional), code ISR-C002-DGP1



## 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 $\mu$ m(-160 $\mu$ m~160 $\mu$ m)
Accuracy		$\pm$ 10%
Resolution (Ra)		0.001 $\mu$ m
Probe	type	inductive
	stylus radius/angle	5 $\mu$ m/90°
	stylus material	diamond
Measuring force		4mN
Measuring unit		$\mu$ m/ $\mu$ 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		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

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

\*Need to be delivered with roughness tester ISR-C002