

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



software flash disk
(included)

probe cover (included)



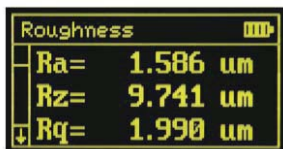
put the small workpieces
directly under the
probe for measurement



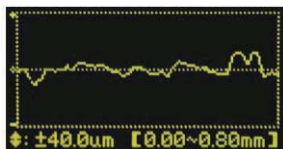
adjustable stand (included)



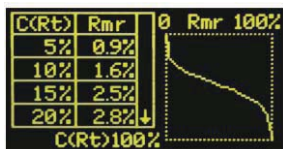
screen display



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

receiver
(optional)



via SPC cable

SPC cable (optional)



receiver (optional)



bluetooth printer (optional)



light duty test stand (optional)

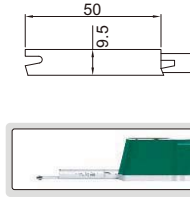
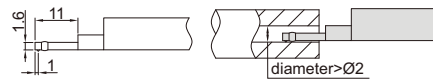
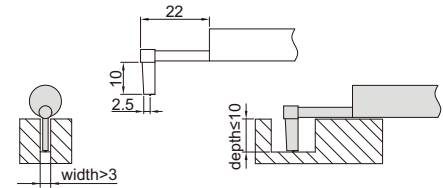


the maximum workpiece height is 220mm

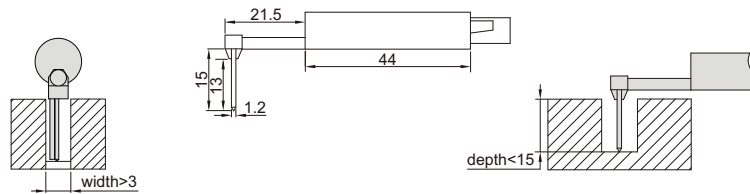
heavy duty test stand (optional)



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 μ m (-160 μ m~160 μ m)	
Accuracy	$\pm 10\%$	
Resolution (Ra)	0.001 μ m	
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	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**