

BLUETOOTH

TOUCH SCREEN

CAN BE OPERATED BY COMPUTERS OR MOBILE PHONES

ROUGHNESS TESTER (SEPARABLE TYPE) CODE ISR-C300

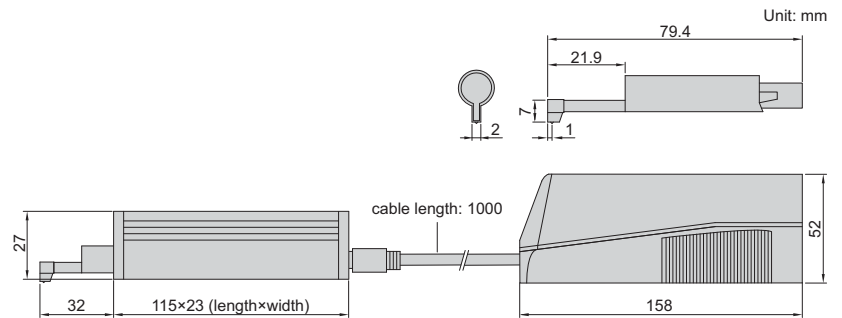
DATA OUTPUT

- Roughness tester can be operated by mobile phones (only Android system) or computers
- Data can be sent to Excel by connecting with computers via bluetooth or USB cable
- Support bluetooth printer
- 22 roughness parameters
- Meet ISO, DIN, ANSI, JIS standards
- Display roughness values, profile and curve
- Memory of maximum 100 data and waveform
- Built-in lithium battery, working time more than 50 hours
- Touch screen
- Automatic power off



software CD (included)

probe and main unit can be combined together

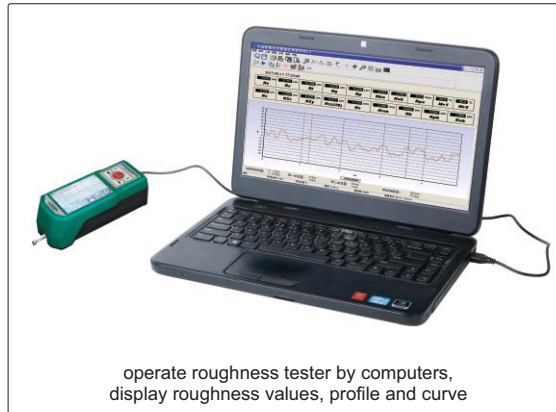


connect to mobile phones via bluetooth (only Android system)



operate roughness tester by mobile phones, display roughness values, profile and curve

connect to computers via USB cable (software is included)



operate roughness tester by computers, display roughness values, profile and curve

roughness tester screen display

measurement result

Ra= 0.001 μm	Rz= 0.023 μm
Rq= 0.004 μm	Rt= 0.023 μm
Rp= 0.000 μm	Rv= 0.023 μm
R3z= 0.00 μm	R3y= 0.00 μm

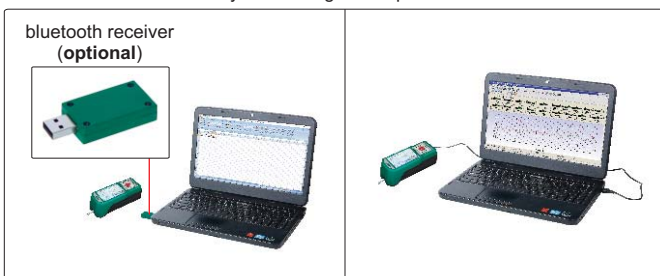
roughness profile

roughness profile graph showing Ra = 1.854 μm and Rmax = 13.59 μm .

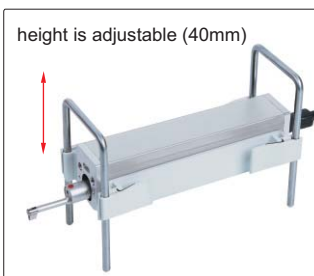
Rmr analysis

C(Rt)	Rmr	0	100
5%	96.7%		
10%	96.7%		
15%	96.7%		
20%	96.7%		

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



adjustable stand (included)



bluetooth printer (optional)



magnetic stand adapter (included)

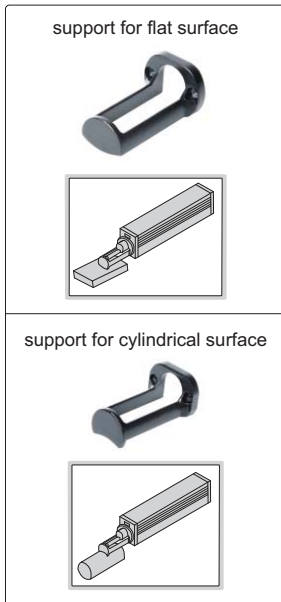


height gage adapter (optional)



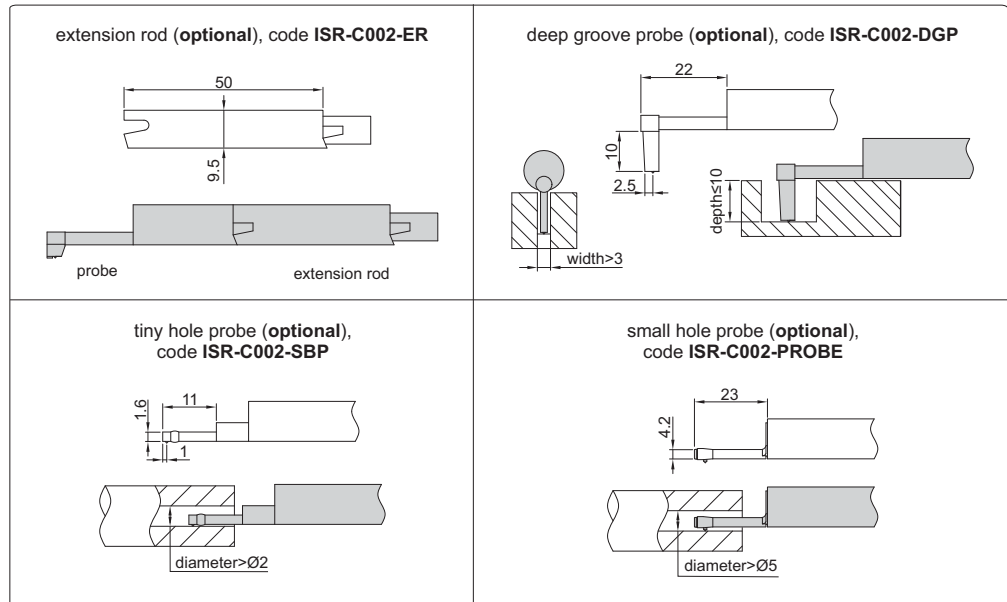
NOTE: Please check whether the adapter can fit your height gages. When using **INSIZE** height gages, please use the dial test indicator holder of height gages

probe support (optional)



optional probes

Unit: mm



SPECIFICATION

Parameters		Ra, Rz, Rq, Rv, Rp, Rs, R3z, R3y, Rt, Rc, Rz (JIS), Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Ry, Rmax
Range	X axis	17.5mm
	Z axis	320µm (-160µm~160µm)
Accuracy		±10%
Resolution (Ra)		0.001µm
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-offs		1~5
Traverse speed		0.135mm/s, 0.5mm/s, 1mm/s
Memory		100 measurement results
Output		USB and bluetooth
Power		built-in rechargeable battery
Dimension (L×W×H)		158×64×52mm
Weight		400g

STANDARD DELIVERY

Main unit	1 pc
Standard probe	1 pc
Calibration block and support	1 pc of each
Connecting cable (long and short)	1 pc of each
Magnetic stand adapter	1 pc
Adjustable stand	1 pc
Touch pen	1 pc
Software and USB cable	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Extension rod	ISR-C002-ER
Small hole probe	ISR-C002-PROBE
Tiny hole probe	ISR-C002-SBP
Deep groove probe	ISR-C002-DGP
Bluetooth printer	ISR-C002-PRINTER
Height gage adapter	ISR-C300-LB1
Bluetooth receiver	ISR-C300-RECEIVER
Support for flat surface	ISR-C300-COVER1
Support for cylindrical surface	ISR-C300-COVER2