

# ROUGHNESS TESTER (SEPARABLE TYPE) CODE ISR-C300

TOUCH SCREEN

CAN BE OPERATED BY  
COMPUTER OR MOBILE PHONE

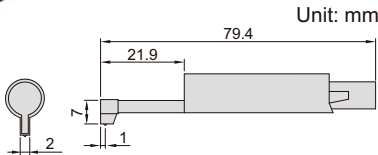
BLUETOOTH

DATA  
OUTPUT

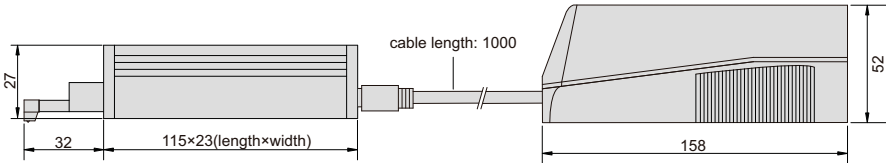
- Roughness tester can be operated by mobile phone (only android system) or computer
- Data can be output to Excel by connecting with computer via bluetooth or USB cable
- Support bluetooth printer
- 22 roughness parameters
- Meet ISO, DIN, ANSI, JIS standards
- Display roughness values, profile and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



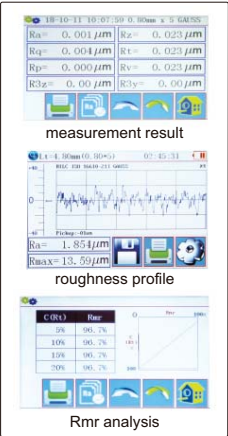
software CD  
(included)



probe and main unit can be combined together



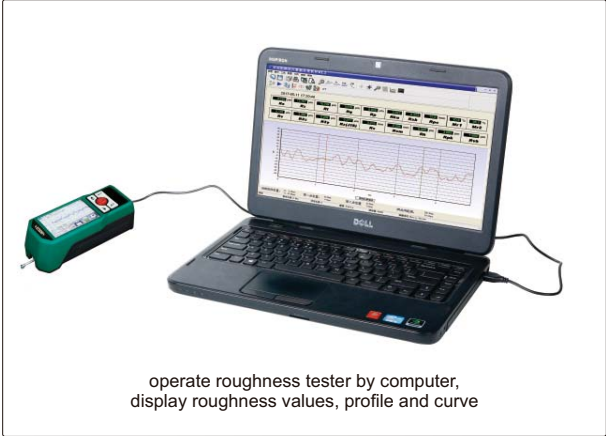
roughness tester  
screen display



connect mobile phone via bluetooth  
(only android system)



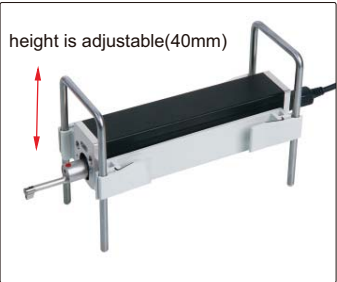
connect computer via USB cable (software is included)



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



adjustable stand (included)



bluetooth printer (optional)



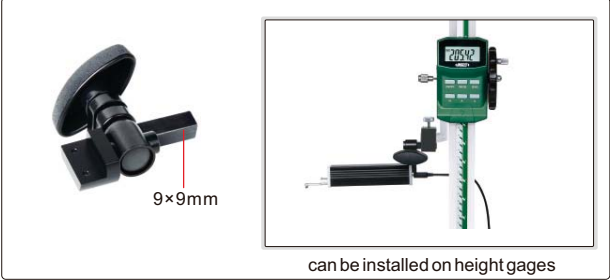
To be continued

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magnetic stand adapter (included)

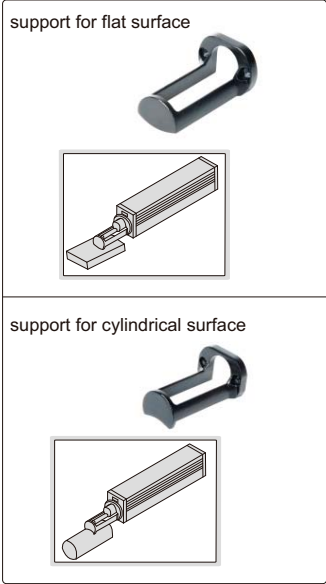


height gage adapter (optional)



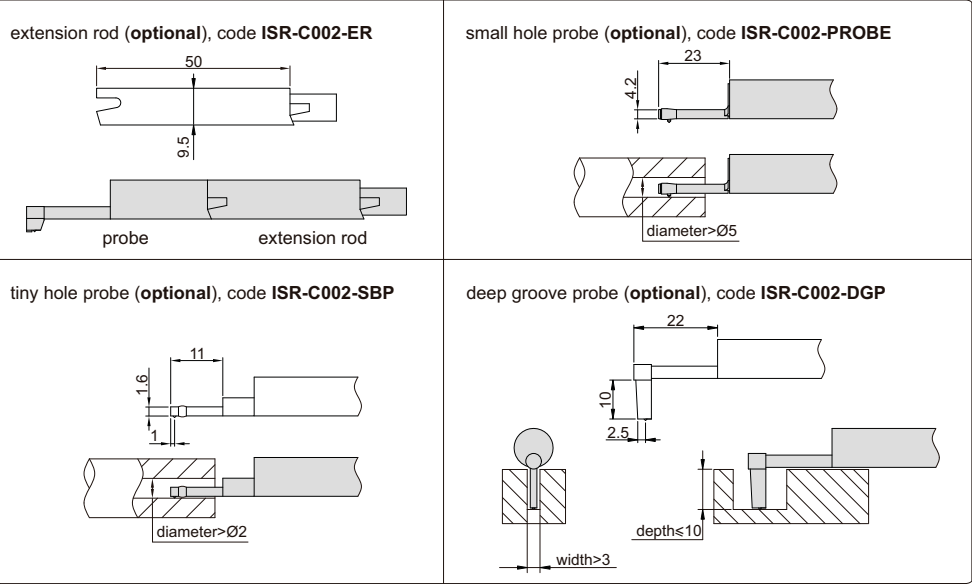
**NOTE:** Please confirm whether the adapter can fit your height gages. When using **INSIZE** height gages, please use the dial test indicator holder of height gages

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	320 $\mu\text{m}$ (-160 $\mu\text{m}$ ~160 $\mu\text{m}$ )
Accuracy		$\pm 10\%$
Resolution (Ra)		0.001 $\mu\text{m}$
Probe	type	inductive
	stylus radius/angle	5 $\mu\text{m}/90^\circ$
	stylus material	diamond
Measuring force		4mN
Measuring unit		$\mu\text{m}/\mu\text{in}$
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	1pc
Standard probe	1pc
Calibration block and support	1pc of each
Connecting cable (long and short)	1pc of each
Magnetic stand adapter	1pc
Adjustable stand	1pc
Touch pen	1pc
USB cable and software	1pc
AC/DC adapter	1pc

**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