ROUGHNESS TESTER(SEPARABLE TYPE)
CODE ISR-C300

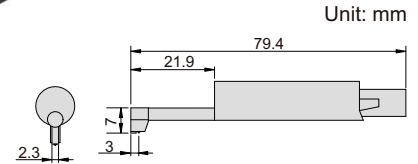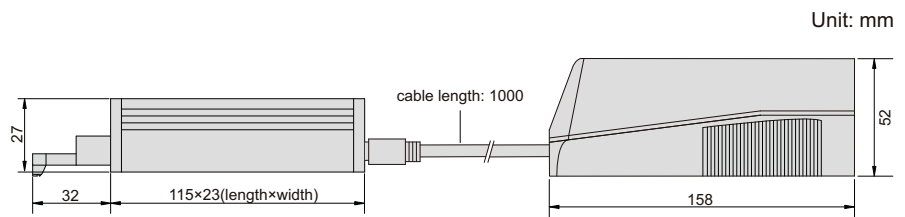**CAN BE OPERATED BY COMPUTER OR MOBILE PHONE**   **DATA OUTPUT**   **BLUETOOTH**

- 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
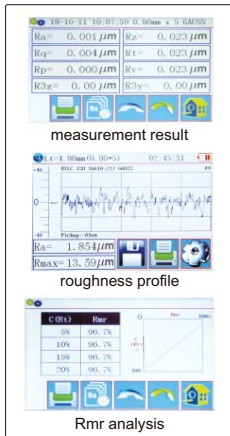- Built-in lithium battery, working time more than 50 hours
- Automatic power off

software CD (included)

Unit: mm

79.4
21.9
7
2.3
3

probe and main unit can be combined together

Unit: mm

cable length: 1000

27
32
115×23(length×width)
158
52

roughness tester screen display

measurement result

roughness profile

Rmr analysis

connect mobile phone via bluetooth (only android system)

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

connect computer via USB cable (software is included)

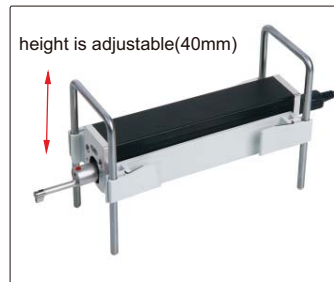operate roughness tester by computer, display roughness values, profile and curve
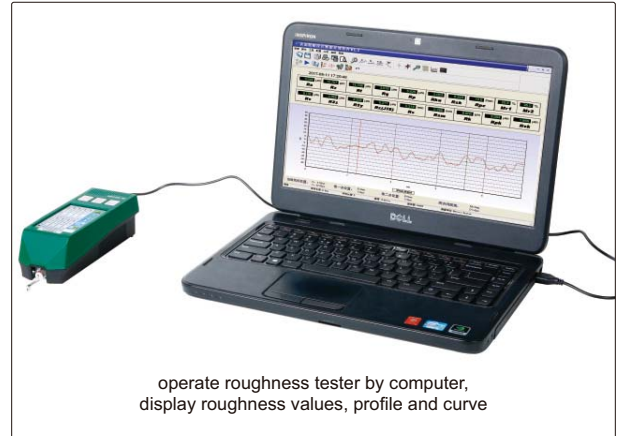
data can be output to Excel by connecting with computer via bluetooth or USB cable

bluetooth receiver (**optional**)
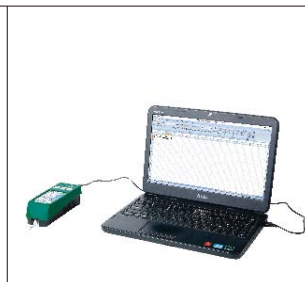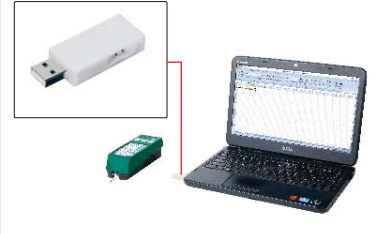
adjustable stand (included)

height is adjustable(40mm)
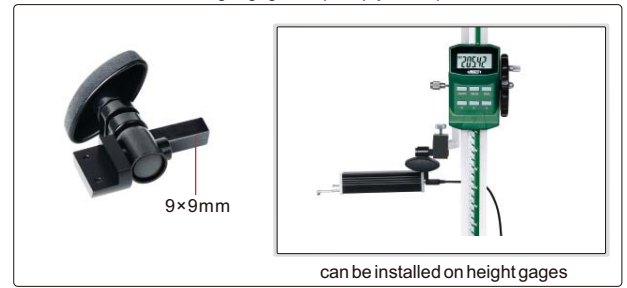

bluetooth printer (**optional**)

magnetic stand adapter (included)

Ø8mm

can be installed on magnetic stands

height gage adapter (**optional**)

9×9mm

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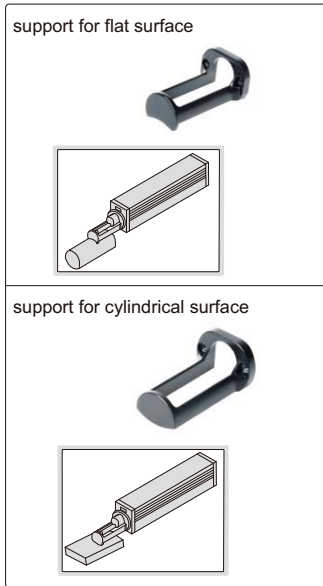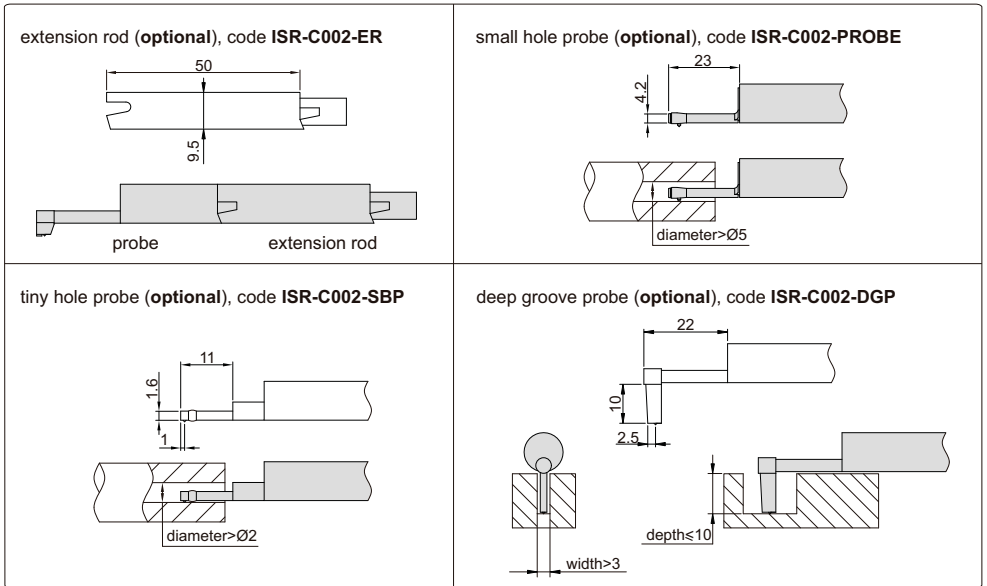
NOTE: Please confirm whether the adapter can fit your height gages. When using **INSIZE** height gages, please use the dial test indicator holder of height gages

probe support (**optional**)

support for flat surface

support for cylindrical surface

optional probes

Unit: mm

extension rod (**optional**), code **ISR-C002-ER**

50

9.5

probe   extension rod

small hole probe (**optional**), code **ISR-C002-PROBE**

23

4.2

diameter>Ø5

tiny hole probe (**optional**), code **ISR-C002-SBP**

11

1.6

1

diameter>Ø2

deep groove probe (**optional**), code **ISR-C002-DGP**

22

10

2.5

depth≤10

width>3

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)		0.002µm/±20µm 0.004µm/±40µm
		0.006µm/±80µm 0.02µm/±160µm
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	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