BLUETOOTH

DATA OUTPUT

PROBE CAN BE CHANGED

OLED display

bluetooth connection status indicator

probe

VIDEO

- The product is light, reliable and durable
- 13 roughness parameters
- Can be operated by mobile phones (only Android system) or computers
- Measurement results can be exported in Excel and PDF format
- Memory of 18000 measurements with only parameters or 30 measurements with graph
- Automatic power off

probe can be set at 90°, for transverse measurement
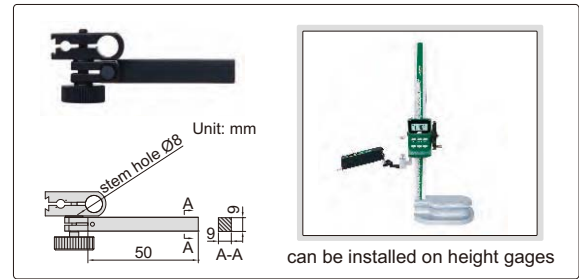
probe cover (included)

adjustable stand (included)

measuring software (included), connect to mobile phones via bluetooth (only Android system) to control roughness tester, or connect to computers via USB cable or bluetooth to control roughness tester, display roughness values and curve, results can be exported in Excel and PDF format

magnetic stand adapter (included)

Ø8mm

can be installed on magnetic stands

dial test indicator holder (optional)

Unit: mm

stem hole Ø8

50

A-A

can be installed on height gages

SPECIFICATION

Parameters		Ra, Rq, Rt, Rz, Rc, Rmax, RSm, Rpc, Pt, R, AR, Rx, Ppc
Range	X axis	17.5mm
	Z axis	250µm
Accuracy		±(5%+0.025)µm
Resolution (Ra)		0.001µm
Probe	type	inductive
	stylus radius/angle	2µm/90°
	stylus material	diamond
Measuring unit		µm/µin
Cut off		0.25/0.8/2.5mm
Number of cut-off		1~5
Moving speed		0.5mm/s, 1mm/s
Memory		18000 measurements with only parameters, 30 measurements with graph
Power		built-in rechargeable battery
Dimension (L×W×H)		160×34×33.5mm
Weight		200g

STANDARD DELIVERY

Main unit	1 pc
Standard probe	1 pc
Calibration block	1 pc
Adjustable stand	1 pc
Probe cover	1 pc
Magnetic stand adapter	1 pc
Software and USB cable	1 pc
AC/DC adapter	1 pc

OPTIONAL ACCESSORY

Dial test indicator holder	6293-6
Groove probe	ISR-C200-SB21
Small hole probe	ISR-C200-SB31
Deep groove probe	ISR-C200-SB121
Extension rod	ISR-C200-ER50
Extension rod	ISR-C200-ER100

SPECIFICATION OF PROBES

Unit: mm

standard probe (included)

16

5.5

4

transverse measurement

transverse measurement

measurement for plane surfaces, also transverse measurement for plane surfaces, cylinders and grooves

groove probe (optional), code ISR-C200-SB21

16

6

1.75

width>4

depth≤5

measure plane surfaces and grooves

small hole probe (optional), code ISR-C200-SB31

22

3.5

1.75

hole diameter>Ø4, depth<20

measure holes with diameter>Ø4mm and depth<20mm

deep groove probe (optional), code ISR-C200-SB121

16

21

4

depth<20

measure grooves with depth<20mm

extension rod (optional), code ISR-C200-ER50

50

for long holes

extension rod (optional), code ISR-C200-ER100

100

for long holes