

ROUGHNESS TESTER (COMPACT TYPE)

CODE ISR-C200

INSIZE PLUS

BLUETOOTH

DATA
OUTPUT

PROBE CAN BE CHANGED



- 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)

The software interface displays measurement parameters and results. The main screen shows ISO 4287 standard, 0 s delay, 0.8 mm cutoff length, and Automatic return. The results screen shows a table of parameters and their values.

Parameter	Value	Tol.
Ra	3.423 μm	
Rq	3.932 μm	
Rt	13.277 μm	
Rz	13.090 μm	
Rc	12.463 μm	
Rmax	13.277 μm	
RSm	95.4 μm	
RPc mm	105 /cm	

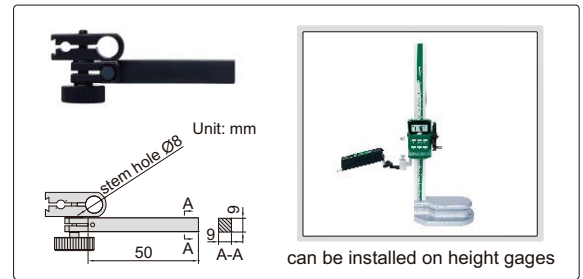
The interface also includes an 'Export' screen with fields for Logo, Description, Notes, Operator, Customer, Drawing number, Lot, and Data to print (P, R, Rk). It also shows 'Charts and tables' options.

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)



dial test indicator holder (optional)



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

<p>standard probe (included)</p> <p>measurement for plane surfaces, also transverse measurement for plane surfaces, cylinders and grooves</p>	<p>groove probe (optional), code ISR-C200-SB21</p> <p>measure plane surfaces and grooves</p>
<p>small hole probe (optional), code ISR-C200-SB31</p> <p>measure holes with diameter > 0.4mm and depth < 20mm</p>	<p>deep groove probe (optional), code ISR-C200-SB121</p> <p>measure grooves with depth < 20mm</p>
<p>extension rod (optional), code ISR-C200-ER50</p> <p>for long holes</p>	<p>extension rod (optional), code ISR-C200-ER100</p> <p>for long holes</p>