

ROUGHNESS TESTER (SEPARABLE TYPE)

BLUETOOTH

TOUCH SCREEN

CAN BE OPERATED BY
COMPUTERS OR MOBILE PHONES

- Roughness tester can be operated by mobile phones or computers
- Data can be sent to Excel by connecting to computers via bluetooth or SPC cable
- Support bluetooth printer
- 36 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

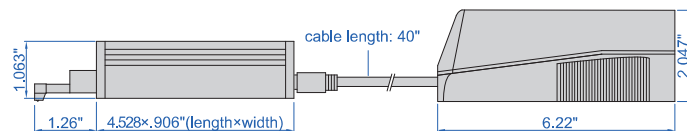
DATA
OUTPUT



VIDEO



ISR-C300



software flash disk
(included)

adjustable stand (included)

height is adjustable
(1.575")



bluetooth printer (optional)



probe and main unit can
be combined together



operate roughness tester by mobile phones



connect to mobile phones via bluetooth
display roughness values, profile and curve

operate roughness tester by computers



connect to computers via USB cable
(software is included), display
roughness values, profile and curve

light duty test stand (optional)



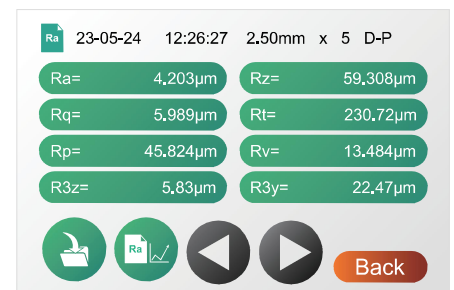
the maximum workpiece height is 8.661"

heavy duty test stand (optional)

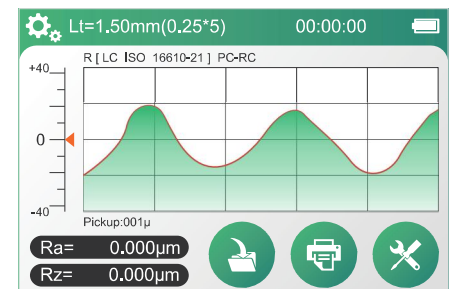


the maximum workpiece height is 12.205"

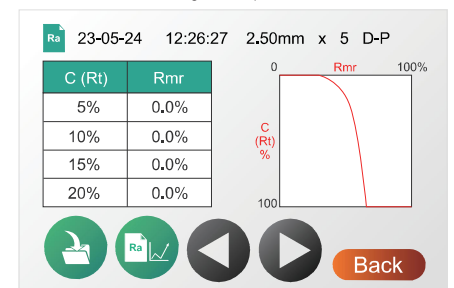
roughness tester screen display



measurement result



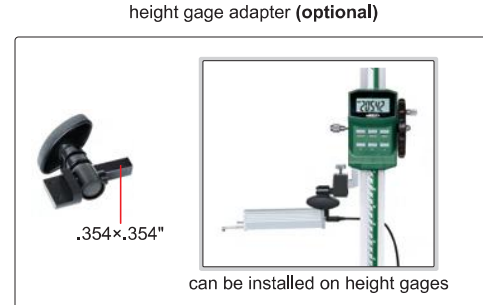
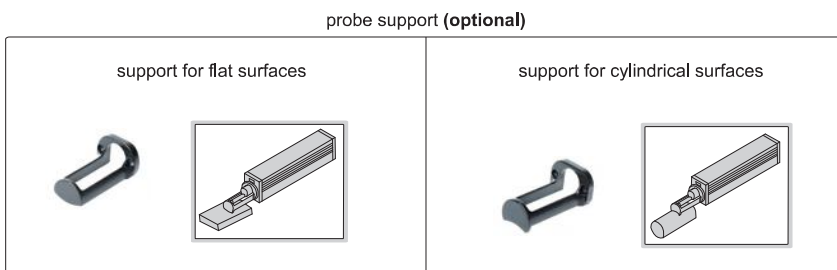
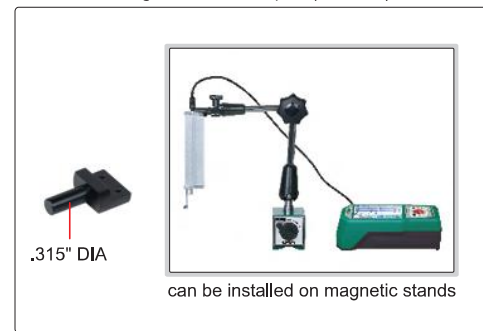
roughness profile



Rmr analysis

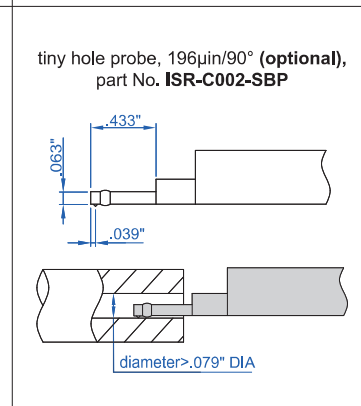
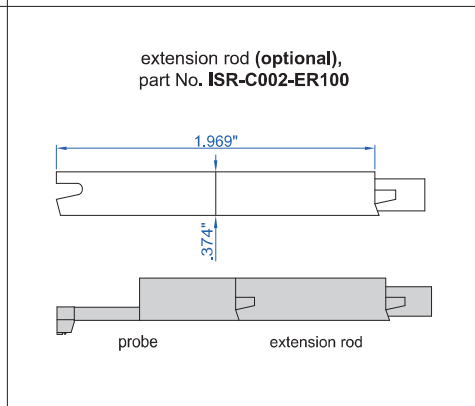
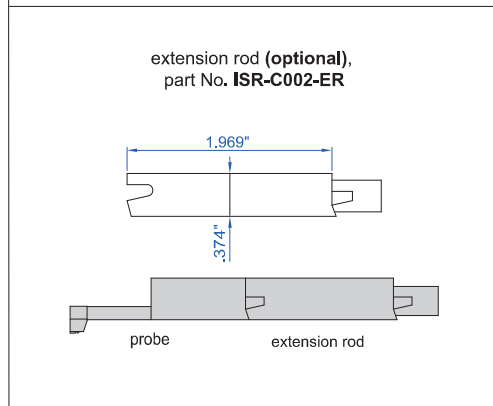
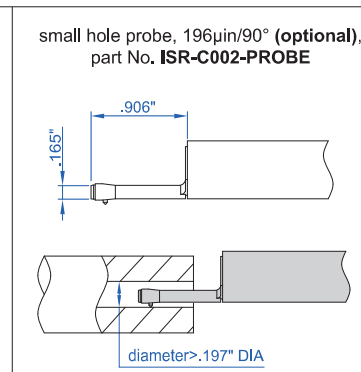
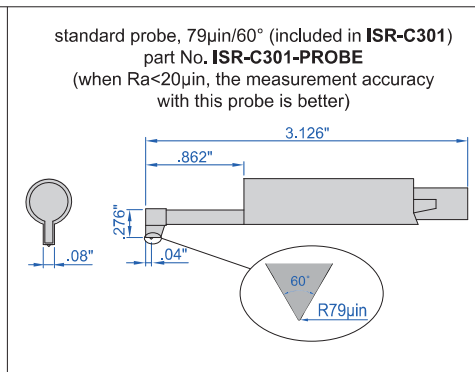
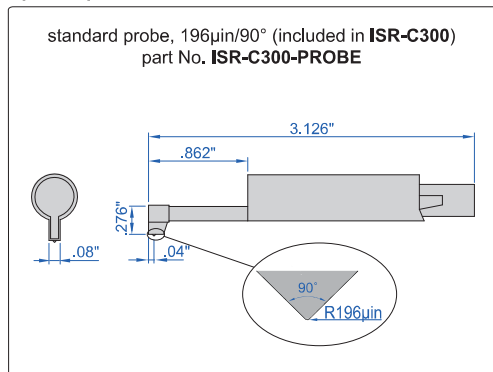
data can be sent to Excel by connecting to computer via bluetooth or SPC cable

magnetic stand adapter (included)

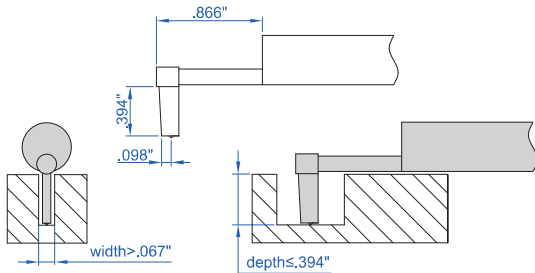


NOTE : Please check whether the adapter can fit your height gages. When using **INSIZE** height gages, please use the dial test indicator holder of height gages

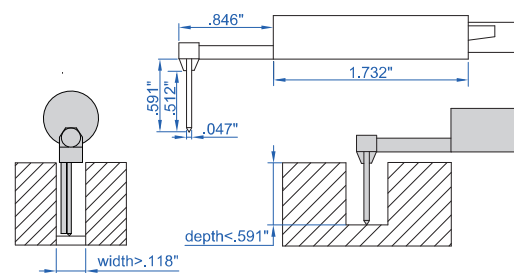
optional probes



deep groove probe, 196µin/90° (optional),
part No. **ISR-C002-DGP**

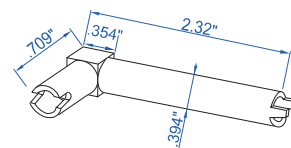


deep groove probe, 196µin/90° (optional),
part No. **ISR-C002-DGP1**



need to be delivered with roughness tester **ISR-C300/ISR-C301**,
recommended for use above Ra 3.9µin

transverse rod (optional),
part No. **ISR-C002-TR**



recommended for use with height calipers or stands

SPECIFICATION

Part No.		ISR-C300	ISR-C301
Measuring force		.01ozf	.003ozf
Stylus radius/angle		196µin/90°	79µin/60°
Parameters		Ra, Rz, Rq, Rv, Rp, Rs, R3z, R3y, Rt, Rc, Rz(JIS), Rk, Rku, Rsm, Rpc, Rpk, Rvk, Rsk, Mr1, Mr2, Ry, Rmax, R5p, R5v, R10z, Rpt, Rvt, Ry5, tp1, tp2, Rmrc1, Rmrc2, Rpkx, Rvkx, Ramax, Rzmax	
Probe type		inductive	
Stylus material		diamond	
Range	X axis	.689"	
	Z axis	15748µin (-7874µin~7874µin)	
Accuracy		±10%	
Resolution (Ra)		.01µin	
Measuring unit		µm/µin	
Cut off		.01/.03/.1"	
Number of cut offs		1~5	
Moving speed		.005"/s, .02"/s, .04"/s	
Memory		100 measurement results	
Output		USB and bluetooth	
Power		built-in rechargeable battery	
Dimension (W×D×H)		6.22×2.52×2.05"	
Weight		.89lb	

STANDARD DELIVERY

Main unit	1 pc
Standard probe (included in ISR-C300)	1 pc
Standard probe (included in ISR-C301)	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

Standard probe	ISR-C300-PROBE
Standard probe	ISR-C301-PROBE
Small hole probe	ISR-C002-PROBE
Tiny hole probe	ISR-C002-SBP
Extension rod	ISR-C002-ER
Extension rod	ISR-C002-ER100
Transverse rod	ISR-C002-TR
Deep groove probe	ISR-C002-DGP
Deep groove probe	ISR-C002-DGP1
Bluetooth printer	ISR-C002-PRINTER
Height gage adapter	ISR-C300-LB1
Receiver	ISR-C300-RECEIVER
SPC cable	ISR-C300-SPC
Support for flat surface	ISR-C300-COVER1
Support for cylindrical surface	ISR-C300-COVER2
Light duty test stand	ISR-C002-STAND1
Heavy duty test stand	ISR-C002-STAND