

BLUETOOTH

TOUCH SCREEN

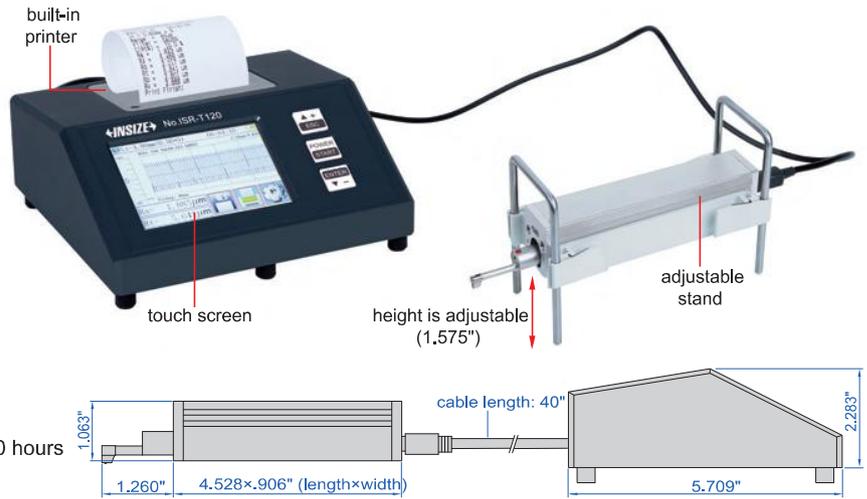
DATA OUTPUT

CAN BE OPERATED BY MOBILE PHONES OR COMPUTERS



ROUGHNESS TESTER PART NO. ISR-T120

- Roughness tester can be operated by mobile phones (only Android system) or computers
- Data can be sent to Excel by connecting to computers via bluetooth or SPC cable
- Built-in printer can print measurement results and graphics
- 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



operate roughness tester by computers



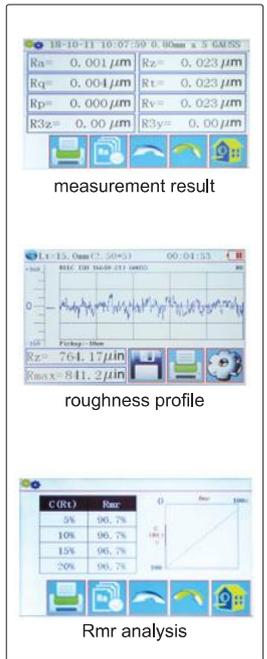
heavy duty test stand (optional)



light duty test stand (optional)



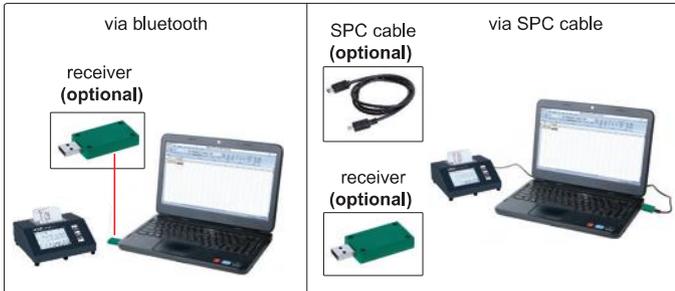
roughness tester screen display



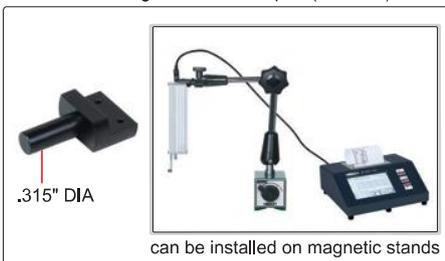
operate roughness tester by mobile phones



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



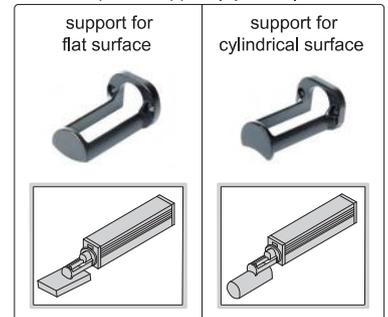
magnetic stand adapter (included)



height gauge adapter (optional)

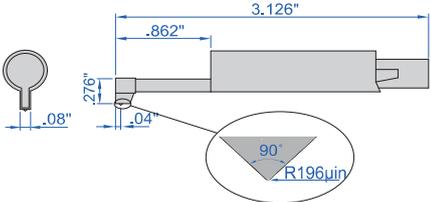
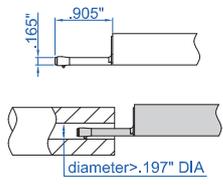
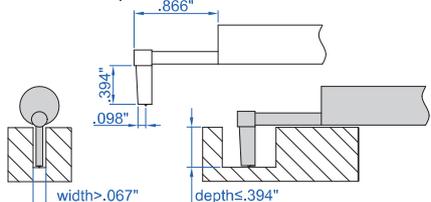
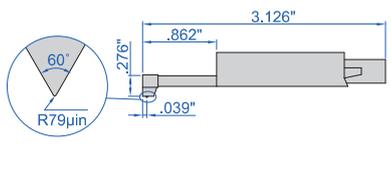
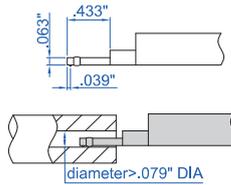
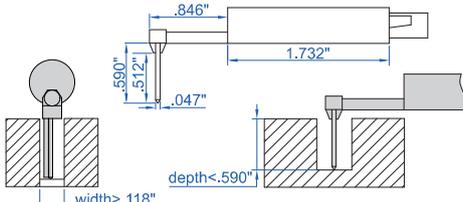
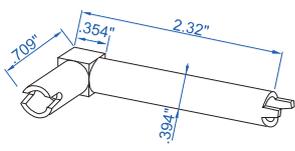
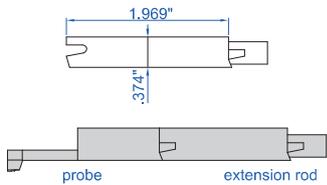
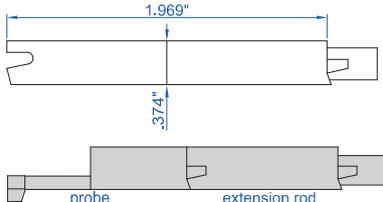


probe support (optional)



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

optimal probes

<p>standard probe, 196μm/90° (included) part No. ISR-C300-PROBE</p> 	<p>small hole probe, 196μm/90° (optional), part No. ISR-C002-PROBE</p> 	<p>deep groove probe, 196μm/90° (optional), part No. ISR-C002-DGP</p> 
<p>79μm/60° probe (optional), part No. ISR-C301-PROBE (when Ra<20μm, the accuracy with this probe is better)</p> 	<p>tiny hole probe, 196μm/90° (optional), part No. ISR-C002-SBP</p> 	<p>deep groove probe, 196μm/90° (optional), part No. ISR-C002-DGP1</p>  <p>need to be delivered with roughness tester ISR-T120, recommended for use above Ra 3.9μm</p>
<p>transverse rod (optional), part No. ISR-C002-TR</p>  <p>recommended for use with height calipers or stands</p>	<p>extension rod (optional), part No. ISR-C002-ER</p> 	<p>extension rod (optional), part No. ISR-C002-ER100</p> 

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	.689"
	Z axis	25197 μ m (-12598 μ m~12598 μ m)
Resolution (Ra)		.01 μ m
Accuracy		\pm 10%
Probe	type	inductive
	stylus radius/angle	196 μ m/90°
	stylus material	diamond
Measuring force		.01ozf
Measuring unit		μ m/ μ m
Cut off		.01/.03/.1"
Number of cut-offs		1~5
Traverse speed		.005"/s, .02"/s, .04"/s
Memory		100 measurement results
Output		bluetooth and USB
Power		built-in rechargeable battery
Dimension (L×W×H)		6.10×5.71×2.28"
Weight		2.20lb

STANDARD DELIVERY

Main unit	1 pc
Standard probe	1 pc
Calibration block and support	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

Extension rod	ISR-C002-ER
Extension rod	ISR-C002-ER100
Transverse rod	ISR-C002-TR
Small hole probe	ISR-C002-PROBE
Tiny hole probe	ISR-C002-SBP
79 μ m/60° probe	ISR-C301-PROBE
Deep groove probe	ISR-C002-DGP
Deep groove probe	ISR-C002-DGP1
Height gauge 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