

ROUGHNESS TESTER

DATA
OUTPUT

CUSTOM-MADE
PROBES ARE AVAILABLE



ISR-S300
(probe can't be changed)



ISR-S400
(probe can be changed)

- Automatic probe leveling
- Language: English, French, German, Italian, Spanish, Portuguese
- 12 roughness parameters
- Can set tolerance
- Measuring range up to 400µm, can measure grit and shot blasting
- Traverse length up to 16mm
- The probe can be set at 90° or 270°, for transverse measurement
- Memory of maximum 100 results



measuring software (optional), can control the roughness tester, display roughness values, profile and curve, data statistics



adjustable stand (included)



transverse measurement



probe cover (included), can put the small workpieces directly on the probe for measurement



printer (optional), print measuring results and roughness graphic

SPECIFICATION

Code	ISR-S300	ISR-S400
Remark	probe can't be changed	probe can be changed
Parameters	Ra, Rq, Rt, Rz, Rc, Rmax, Rsm, Rpc, Rmr, R, AR, Rx	
Range	Ra: 0~100µm, Rt: 0.05~400µm	
Accuracy	±3%	
Resolution (Ra)	0.001µm	
Probe	type	inductive
	stylus radius/angle	5µm/90°
	stylus material	diamond
Measuring force	0.75mN	
Measuring unit	µm/µin	
Cut off	0.25/0.8/2.5mm	
Number of cut-offs	1 to 5	
Traverse speed	1mm/s	
Memory	100 measurement results	
Output	USB	
Power	built-in rechargeable battery	
Dimension (L×W×H)	122×52×68mm	
Weight	650g	

STANDARD DELIVERY

Main unit	1pc
Standard probe	1pc
Calibration block	1pc
Adjustable stand	1pc
AC/DC adapter	1pc
Probe cover	1pc



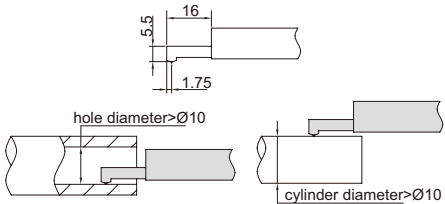
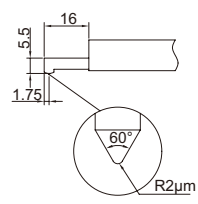
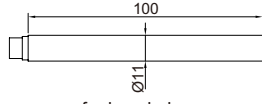
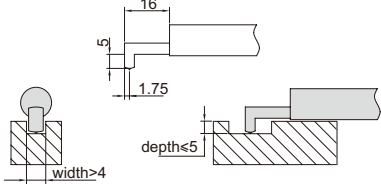
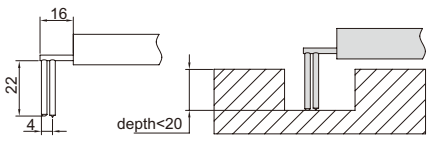
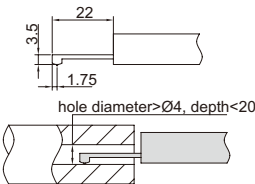
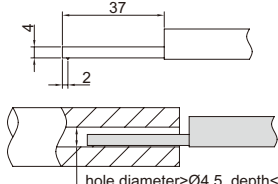
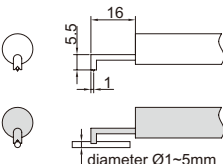
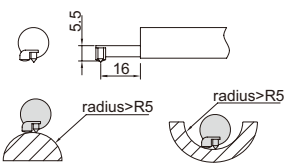
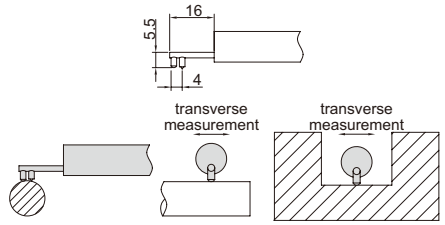
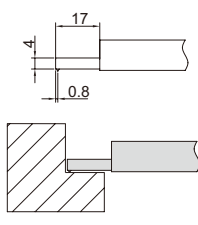
test stand (optional)

OPTIONAL ACCESSORY

Extension rod (only for ISR-S400)	ISR-S400-ER100
Probe (only for ISR-S400)	see details
Printer	ISR-S400-PRINTER
USB cable and software	ISR-S-SOFTWARE
Test stand	ISR-S400-DK

To be continued

SPECIFICATION OF PROBES

<p>standard probe (included)</p>  <p>measure plane surfaces, holes and cylinders with diameter > Ø10mm</p>	<p>small roughness probe (for ISR-S400, optional) code ISR-S400-SB10R2</p>  <p>measure surfaces with small roughness</p>
<p>extension rod (for ISR-S400, optional) code ISR-S400-ER100</p>  <p>for long holes</p>	
<p>groove probe (for ISR-S400, optional) code ISR-S400-SB20</p>  <p>measure plane surfaces and grooves</p>	<p>deep groove probe (for ISR-S400, optional) code ISR-S400-SB120</p>  <p>measure grooves with depth < 20mm</p>
<p>small hole probe (for ISR-S400, optional) code ISR-S400-SB30</p>  <p>measure plane surfaces and holes with diameter > Ø4mm and depth < 20mm</p>	<p>deep hole probe (for ISR-S400, optional) code ISR-S400-SB80</p>  <p>measure holes with diameter > Ø4.5mm and depth < 35mm</p>
<p>small rod probe (for ISR-S400, optional) code ISR-S400-SB40</p>  <p>measure small rods with diameter Ø1~5mm</p>	<p>cylinder/hole probe (for ISR-S400, optional) code ISR-S400-SB110</p>  <p>measure cylinders and holes with radius > R5mm</p>
<p>transverse probe (for ISR-S400, optional) code ISR-S400-SB50</p>  <p>transverse measurement for plane surfaces, cylinders and grooves</p>	<p>internal angle probe (for ISR-S400, optional) code ISR-S400-SB140</p>  <p>measure internal angles</p>