

ROUGHNESS TESTER PART NO. ISR-S400

INSIZE PLUS
MADE IN ITALY



- Automatic probe leveling
- Language: English, French, German, Italian, Spanish, Portuguese
- 12 roughness parameters
- Can set tolerance
- Measuring range up to 15748µm, can measure grit and shot blasting
- Traverse length up to .63"
- 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

PROBE CAN
BE REPLACED

DATA
OUTPUT

CUSTOM-MADE
PROBES ARE AVAILABLE



software CD
(included)



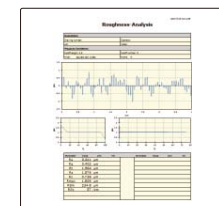
adjustable stand (included)



transverse measurement



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



output software (included), output data and graphic to Excel, make report, print



heavy duty test stand (optional)



light duty test stand (optional)

SPECIFICATION

Parameters	Ra, Rq, Rt, Rz, Rc, Rmax, Rsm, Rpc, Rmr, R, AR, Rx	
Range	Ra: 0~3937µm, Rt: 1.97~15748µm	
Accuracy	±3%	
Resolution (Ra)	.01µm	
Probe	type	inductive
	stylus radius/angle	196µm/90°
	stylus material	diamond
Measuring force	.003ozf	
Measuring unit	µm/µm	
Cut off	.01/.03/.1"	
Number of cut-offs	1 to 5	
Traverse speed	.04"/s	
Memory	100 measurement results	
Output	USB	
Power	built-in rechargeable battery	
Dimension (L×W×H)	4.80×2.05×2.68"	
Weight	1.43lb	

STANDARD DELIVERY

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

OPTIONAL ACCESSORY

Extension rod	ISR-S400-ER100
Probe	see details
Measuring software	ISR-S-SOFTWARE
Heavy duty test stand	ISR-S400-DK
Light duty test stand	ISR-S400-STAND

To be continued

Continued from previous page

**ROUGHNESS TESTER
PART NO. ISR-S400**

SPECIFICATION OF PROBES

<p>standard probe (included)</p> <p>measure plane surfaces, holes and cylinders with diameter >.394" DIA</p>	<p>small roughness probe (optional), part no. ISR-S400-SB10R2</p> <p>measure surfaces with small roughness</p>
<p>extension rod (optional), part no. ISR-S400-ER100</p> <p>for long holes</p>	
<p>groove probe (optional), part no. ISR-S400-SB20</p> <p>measure plane surfaces and grooves</p>	<p>deep groove probe (optional), part no. ISR-S400-SB120</p> <p>measure grooves with depth <.787"</p>
<p>small hole probe (optional), part no. ISR-S400-SB30</p> <p>measure plane surfaces and holes with diameter >.157" DIA and depth <.787"</p>	<p>deep hole probe (optional), part no. ISR-S400-SB80</p> <p>measure holes with diameter >.177" DIA and depth <1.378"</p>
<p>small rod probe (optional), part no. ISR-S400-SB40</p> <p>measure small rods with diameter .039-.197" DIA</p>	<p>cylinder/hole probe (optional), part no. ISR-S400-SB110</p> <p>measure cylinders and holes with radius >.197" R</p>
<p>transverse probe (optional), part no. ISR-S400-SB50</p> <p>transverse measurement for plane surfaces, cylinders and grooves</p>	<p>internal angle probe (optional), part no. ISR-S400-SB140</p> <p>measure internal angles</p>