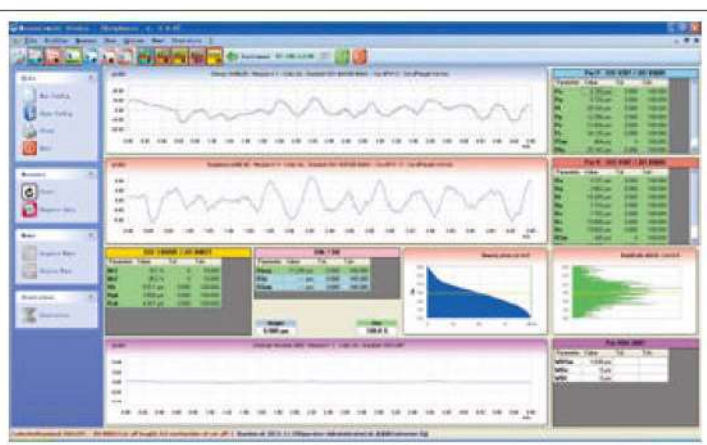


ROUGHNESS TESTER CODE ISR-S400



software CD
(included)

- Automatic probe leveling
- Language: English, French, German, Italian, Spanish, Portuguese
- 12 roughness parameters
- Can set tolerance
- Measuring range up to 400 μ m, 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

PROBE CAN
BE CHANGED

DATA
OUTPUT

CUSTOM-MADE
PROBES ARE AVAILABLE



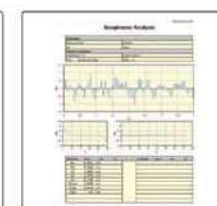
adjustable stand (included)



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



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: 0~100 μ m, Rt: 0.05~400 μ m
Accuracy		$\pm 3\%$
Resolution (Ra)		0.001 μ m
Probe	type	inductive
	stylus radius/angle	5 μ m/90°
	stylus material	diamond
Measuring force		0.75mN
Measuring unit		μ m/ μ in
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
USB cable and output software	1pc

OPTIONAL ACCESSORY

Extension rod	ISR-S400-ER100
Probe	see details
USB cable and 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 CODE ISR-S400

Unit: mm

SPECIFICATION OF PROBES

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