

ROUGHNESS TESTER

DATA
OUTPUT



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



transverse measurement



adjustable stand (included)



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



can put the small workpieces directly on the probe for measurement



printer(optional), print measuring results and roughness graphic



test stand(optional)

SPECIFICATION

Code		ISR-S300 (probe can't be changed)	ISR-S400 (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)		122x52x68mm	
Weight		650g	

STANDARD DELIVERY

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

OPTIONAL ACCESSORY

Groove probe(only for ISR-S400)	ISR-S400-SB20
Small bore probe(only for ISR-S400)	ISR-S400-SB30
Extension rod(only for ISR-S400)	ISR-S400-ER100
Printer	ISR-S400-PRINTER
USB cable and software	ISR-S-SOFTWARE
Test stand	ISR-S400-STAND

unit: mm

