



- Meet ISO, DIN, ANSI and JIS
- Connected to PC via RS232C interface
- Four switchable probe positions: 0°, 90°, 180° and 270°
- The instrument can be operated in any position: vertical, horizontal and upside down

SURFACE ROUGHNESS TESTER

Technical specification

Model		ISR-16A	ISR-16B
Display		LCD	
Parameters		Ra, Rz, Ry/Rmax	
Measuring range	Ra	0.05-9.99 μ m / 2-400 μ in	
	Rz, Ry/Rmax	0.2-25.0 μ m / 8-999 μ in	
Accuracy		\pm 10%	
Repeatability		6%	
Resolution		0.01 μ m or 1 μ in	
Standard sensor	test principle	inductance type	
	radius of probe pin	10 μ m/0.4 μ in	5 μ m/0.2 μ in
	material of probe pin	diamond	
	for workpiece	plane, outer circle, crank, inner hole(diameter>60mm) and so on	
Output		RS232	
Cut-off		0.25mm/0.8mm/2.5mm	
Number of cut-offs		1/3/5	
Power supply		9V battery for 3000 times measurement	
Working conditions		temperature 0~50°C (32°F-122°F)	humidity<80%RH
Dimension(L×W×H)		145×33×85 mm	
Weight		450g	

Standard delivery

Main unit	1pc
Standard sensor	1pc
Sensor protector	1pc
Base	1pc
Standard test block	1pc
9V battery	1pc

Optional accessories

Cable & software	
Sensor for groove	max. measurement depth is 8mm when width of groove is larger than 3mm
	max. measurement depth is 15mm when width of groove is larger than 8mm
Sensor for inner hole	max. measurement depth is 15mm when hole diameter is larger than 5mm
	max. measurement depth is 60mm when hole diameter is larger than 10mm
Measuring stand	

