

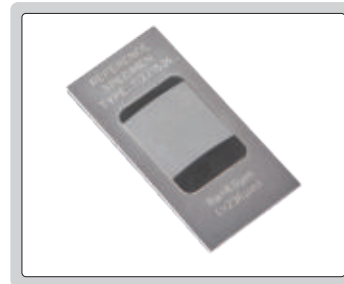
ROUGHNESS TESTER CODE ISR-S5



- Easy to operate, no setting up or programming required
- The upper and lower units can work together or separately (infra-red link). Remote mode can avoid error due to pressing button, the max. distance between upper and lower units can be up to one meter
- Error proof calibration
- Automatic power off (5 minutes)
- Metric/inch conversion($\mu\text{m}/\mu\text{in}$)



remote mode



calibration block

SPECIFICATION

Parameters	Ra, Rz, Rv, Rp, Rt	
Range and resolution	Ra: 40 μm , resolution: 0.01 μm	
	Rz, Rv, Rp, Rt: 199 μm , resolution: 0.1 μm	
Accuracy	$\pm 5\% + 0.1\mu\text{m}$	
Pick-up	type	piezoelectric
	stylus radius	5 μm
	stylus material	diamond
Workpiece to be measured	flat surface, cylindrical outside surface(diameter > 25mm), inner bore(diameter > 65mm)	
Filter	2CR	
Cut off	0.8mm	
Traverse length	5mm	
Measuring force	2mN	
Traverse speed	2mm/s	
Power supply	Cr2450 battery, for 5000 times measurement	
Dimension(L×W×H)	125×80×38mm	
Weight	200g	

STANDARD DELIVERY

Main unit	1pc
Calibration block	1pc
CR2450 battery	4pcs