

Surface Roughness Tester SRT-6100

Features

- * Multiple parameter measurement: Ra, Rz.
- * Manual or automatic shut down.
- * Metric /Imperial Conversion.
- * Use USB/RS-232 data output to connect with PC.
- * Provide Bluetooth data output choice.

Specification

Display	LCD	
Parameters	Ra, Rz	
Range	Ra:0.05~10.00μm Rz:0.1~50.0μm	
Accuracy	<<±15%	
Fluctuation of Display Value	<<10%	
Resolution	0.001/0.01/0.1	
Sensor	Radius of Probe Pin	10μm
	Material of Probe Pin	Diamond
	Measurement Force of Probe	16mN(1.6gf)
	Probe Angle	90°
	Vertical Radius of Guiding Head	48 mm
	Maximum Driving Stroke	12.5mm/0.5inch
	Cutoff length(l)	0.25mm,0.8mm,2.5mm
Driving Speed	Sampling	When Length=0.25mm,Vt=0.135 mm/s
		When Length=0.8mm,Vt=0.5mm/s
		When Length=2.5mm,Vt=1mm/s
	Returning	Vt=1mm/s
Evaluation Length	1~2L Optional	
Operating Conditions	Temp:0~50°C Humidity:<80%RH	

General Information

Power Supply 4x1.5V AA(UM-3)Battery
 Dimensions 128x80x30 mm
 Weight 280g

Standard Accessories

Main Unit
 Standard Sample Plate SSP-100
 Standard Sensor SRP-100
 Small Screwdriver
 Carrying Case (B04)
 Operation Manual

Optional Accessories

RS-232C Cable with Software
 Bluetooth Adapter with Software