

# Surface Roughness Tester SRT-6200

## Features

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

## Specification :

Parameters	Ra,Rz	
Measuring Range	Ra:0.05~10.00μm /1.000~400.0μinch	Rz:0.020~100.0μm /0.780~4000μinch
Accuracy	<<±10%	
Fluctuation of Display Value	<<6%	
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	17.5mm/0.7inch
	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
Profile Digital Filter	RC,PC-RC,GAUSS,D-P	
Evaluation Length	1~5L Optional	
Data Memorize	-----	
Operating Conditions	Temp:0~50°C Humidity:<80%RH	

## General Information

Power Supply Built -in Rechargeable Li-ion Battery  
 Dimensions 140x52x48 mm  
 Weight 420g

## Standard Accessories

Main Unit  
 Standard Sample Plate SSP-100  
 Standard Sensor SSP-100  
 Small Screwdriver  
 Power Adapter  
 Carrying Case  
 Operation Manual

## Optinal Accessories

RS-232C Cable with Software  
 Bluetooth Adapter with Software  
 Extension Rod SER-150  
 Groove Stylus SRP-110  
 Curvature Probe SRP-120  
 Measurement Stand SRS-1