

Surface Roughness Tester SRT-6210

Features

- * Multiple parameter measurement: Ra, Rz, Rq, Rt.
- * Four wave filtering methods : RC, PC-RC, GAUSS and D-P.
- * Built-in lithium ion rechargeable battery
- * Manual or automatic shut down.
- * Can memorize 7 groups of measurement results and measuring conditions for later use or download to PC.
- * Metric /Imperial Conversion.
- * Use USB/RS-232 data output to connect with PC.
- * Provide Bluetooth data output choice.

Specification

Parameters	Ra, Rq, Rz, Rt	
Measuring Range	Ra,Rq:0.005~16.00μm /0.020~629.9μinch	Rz,Rt:0.020~160.0μm /0.078~6299μinch
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	4mN(0.4gf)
	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	Length=0.25mm,Vt=0.135 mm/s
		Length=0.8mm,Vt=0.5mm/s
		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	7 Groups	
Operating Conditions	Temp:0~50°C Humidity:<80%RH	

General Information

Power Supply Build-in Rechargeable Li-ion Battery

Dimension 140x52x48mm

Weight 420g

Standard Accessories

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

Optional 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