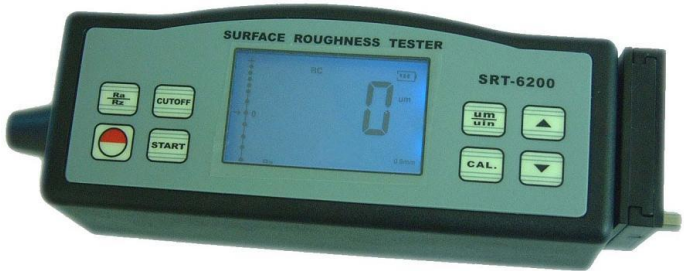


## SRT6210 and SRT-6200: SURFACE ROUGHNESS TESTER

### Application:

Widely used in production site to measure surface roughness of various machinery-processed parts, calculate corresponding and clearly display all measurement parameter.

Meets the standard of GB/T6062, ISO4287, DIN4768, JIS B, ANSI46.1

SRT-6210		SRT-6200	
			
<b>Range</b>	Ra	0.005-16um/0.020-629.9uinch	0.050-10um/1.000-400.0uinch
	Rq	0.005-16um/0.020-629.9uinch	————
	Rz	0.020-160um/0.780-6299uinch	0.020-100um/0.780-4000uinch
	Rt	0.020-160um/0.780-6299uinch	————
<b>Accuracy</b>		<= ±10%	
<b>Resolution</b>		0.001um(Reading < 10um)	
		0.01um(10um <= reading < 100um)	
		0.1um(reading >= 100um)	
<b>Display</b>		LCD	
<b>Fluctuation of display value</b>		<= 6%	
<b>Profile digital filter</b>	Filtered profile	RC, PC-RC, GAUSS	————
	Non-filtered profile	D-P	————
<b>Driving speed</b>	Measuring	Vt=0.135mm/s(Sampling Length=0.25mm)	
		Vt=0.5mm/s(Sampling Length=0.8mm)	
		Vt=1mm/s(Sampling Length=2.5mm)	
	Returning	Vt=1mm/s	
<b>Pickup measurement range</b>		±80um	
<b>Evaluation length</b>		1-5L(Selectable)	
<b>Metric/Imperial</b>		Conversion	
<b>Memory</b>		7Groups	---
<b>Built in Li-ion battery</b>		Rechargeable	
<b>Dimension</b>		140x52x48mm(5.5x2.2x1.9inch)	
<b>Net Weight</b>		420g	

## Specification for the Sensor

<b>Model No.</b>		<b>SRT-6210</b>	<b>SRT-6200</b>
<b>Sensor</b>	<b>Radius</b>	5um	10um
	<b>Material</b>	Diamond	Diamond
	<b>Measuring force</b>	4mN(0.4gf)	16mN(1.6gf)
	<b>Probe angle</b>	90°	90°
	<b>Vertical radius of guiding head</b>	48mm	48mm
	<b>Maximum driving stroke</b>	17.5mm/0.7inch	17.5mm/0.7inch
	<b>Cutoff length</b>	0.25mm 0.8mm 2.5mm	

## Accessories

<b>Standard Accessories</b>	Carry case	1
	Main Unit	1
	Standard Sensor	1
	Standard Sample Plate	1
	Power Adapter	1
	Operation Manual	1
	Screwdriver	1
	Adjustable Leg	1
	Sensor Protector	1
<b>Optional Accessories</b>	1, Cable and Software for RS-232/USB 2, Extension Rod 3, SRP-110 Groove stylus 4, SRP-120 Curvature Probe 5, SRS-1 Measurement Stand	