

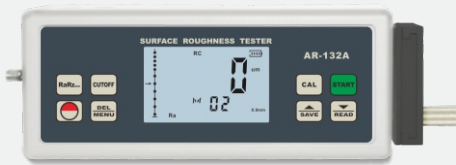
## Surface Roughness Tester AR-132A

### Product Description

The Surface Roughness Tester is widely used in production site to measure surface roughness of various machinery-processed parts, calculate corresponding parameters according to selected measuring conditions and clearly display all measurement parameters.

### Product Feature

- Two parameter measurement: Ra, Rz, Rq, Rt.
- Highly sophisticated inductance sensor.
- Manual or automatic shut down, Metric /Imperial Conversion.
- Built-in lithium ion rechargeable battery and control circuit with high capacity.
- Automatic power off manual or switch off.
- Small in size, light in weight and easy to use.
- Use USB data output with connection PC.
- Provide Bluetooth data output choice.



### Product Parameter

Measuring Range	Ra: 0.05~10.00 um / 1.000~400.0 uinch	
	Rz: 0.020~100.0 um / 0.780~4000 uinch	
Accuracy	Not more than $\pm 10\%$	
Fluctuation Of Display Value	Not more than 6%	
Resolution	0.001um, 0.01um, 0.1um	
Probe	Radius	10um
	Material	Diamond
	Measurement Force	16mN(1.6gf)
	Angle	90°
	Vertical Radius	48mm
	Maximum Driving Stroke	17.5mm/0.7inch
	Cutoff Length	0.25mm, 0.8mm, 2.5mm
Driving Speed	Measuring	Sampling Length: 0.25mm Vt: 0.135mm/s
		Sampling Length: 0.8mm Vt: 0.5mm/s
		Sampling Length: 2.5mm Vt: 1mm/s
	Returning	Vt=1mm/s
Evaluation length	1~5L Optional	
Power Supply	Built-in rechargeable Li-ion battery	
Size	140x52x48 mm	
Weight	420 g	