


# Surface Roughness Tester AR-132B

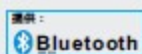
## Product Description

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

- \* Multiple parameter measurement: Ra, Rz, Rq, Rt.
- \* Highly sophisticated inductance sensor.
- \* Four wave filtering methods : RC, PC-RC, GAUSS and D-P.
- \* Built-in lithium ion rechargeable battery and control circuit with high capacity.
- \* Small in size, light in weight and easy to use.
- \* Manual or automatic shut down, Metric /Imperial Conversion .
- \* Can memorize 7 groups of measurement results and measuring conditions for later use or download to PC.
- \* Use USB data output with connection PC.
- \* Provide Bluetooth data output choice.



## Product Parameter

Measuring Range		Ra, Rq:0.005~16.00 um / 0.020~629.9 uinch
		Rz, Rt:0.020~160.0 um / 0.078~6299 uinch
Accuracy		Not more than $\pm 10\%$
Fluctuation Of Display Value		Not more than 6%
Resolution		0.001um, 0.01um, 0.1um
Probe	Radius	5um
	Material	Diamond
	Measurement Force	4mN(0.4gf)
	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
Profile Digital Filter	Filtered Profile	RC, PC-RC, GAUSS
	Non-Filtered Profile	D-P
Evaluation length		1~5L Optional
Data Memorize		7 Groups
Power Supply		Built-in rechargeable Li-ion battery
Size		140x52x48 mm
Weight		420 g