

KS-300/310 Surface Roughness Tester



Main Features

- *Automatic shutdown function and low power design of software and hardware of the instrument with long working hours, suitable for field use.
- *The surface roughness of metal and non-metallic.
- *Pocket-size & economically price
- *Large measuring range suitable for most materials
- *Optimized electric circuit design with transducer structure-design, high integrate power.
- *It could test ex-circle, flat surface, conical surface and also test groove larger than 80*30mm.

Technical Parameters

	KS-300	KS-310
Testing parameters	Ra, Rz	Ra, Rz, Rq, Rt
Measuring range (um)	Ra: 0.05-15.0 Rz: 0.1-50.0	Ra, Rq: 0.05-15.0 Rz, Rt : 0.1-50.0
Sample length (mm)	0.25, 0.80, 2.50	
Evaluation length(mm)	1.25, 4.0, 5.0	
Stroke length (mm)	6	
Indication accuracy	0.01	
Indication error	±(7-10)%	
Variability	<12%	
Power	Rechargeable li-battery	
Stylus static force:	≤ 0.016N	
Force measuring	≤ 800N/m	
Working temperature	-20℃~40℃	
Relative humidity	<90%	
Weight of Host	200g	
Size	106mmx70mmx24mm	

