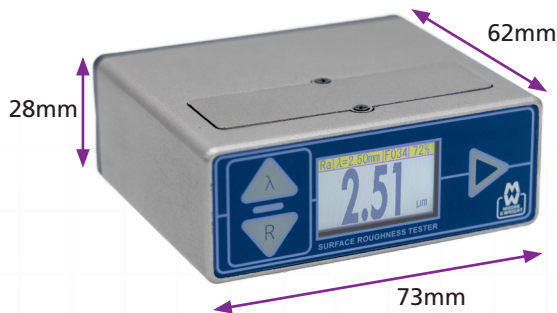## Hand Held Surface Roughness Tester

Features

- Small and light weight for ease of use

- Digital signal processing for high accuracy measurement

- Bright LCD display for wide angle viewing

- Selectable measuring parameters, sample distance and units

- Internal storage of 500 data points

- Wireless communications for data download and measurement control, with supplied dongle and software

- Create an Excel report of measurement data with statistical analysis

- Aluminium housing for high durability and protection from electromagnetic interference

- Powered by a single AA battery

62mm

28mm

73mm

Surface Roughness Tester Specification			
Stroke Length (mm)	5.6	**Parameter (µm)**	Ra, Rz, Rq, Rt
Sampling Length (mm)	0.25, 0.80, 2.50	**Static Force of Sensor Stylus (N)**	≤ 0.016
Evaluation Length (mm)	1.25, 4.0, 5.6	**Power Supply**	1.5V battery
Measuring Range (µm)	Ra: Rq:0.05 - 10.0 Rz: Rt: 0.1 - 50	**Weight (g)**	165
Indication Variability	<6%	**Working Environment Conditions**	Temperature: 0℃ -40℃ Relative humidity: < 90% No vibration and corrosive medium around
Indication Error	±10%		
Arc Radius and Angle of Sensor Stylus Tip	Tip arc radius: 10 µm±1 µm Angle: 90°		

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