

SURFACE ROUGHNESS TESTER

ROUGHSCAN



SADT RoughScan tester is a portable, battery-powered instrument for checking surface roughness with the measured values displayed on a digital readout. The instrument can be used in the laboratory, an inspection area, in the shop, or wherever on-site surface roughness testing is required. ●

SADT RoughScan			
Measuring Range	Ra: 0.05 μ m~6.3 μ m/1 μ "~250 μ " Rz: 0.2 μ m~50.0 μ m/8 μ "~999 μ " Ry/Rmax: 0.2 μ m~25 μ m/8 μ "~999 μ "	Readout Error	$\pm 10\%$
		Stability	$\leq 6\%$
		Sensor Type	Piezoelectric
Resolution	0.01 μ m/1 μ "	Maximum stylus force	15.0mN/1500mgf
Cut-off	0.8mm/0.30", ANSI 2RC Filter	Working Environment	10°C~45°C
Display	3-digit LCD	Storage Temperature	0°C~60°C

Traverse lengths and Evaluation lengths:

Traverse length	Evaluation length	Switch position
1.2mm	0.8mm	1
3.0mm	2.4mm	3
4.5mm	4.0mm	5

Power: 9-volt alkaline battery

Stylus type: piezo-electric

Standard package

RoughScan basic unit

Standard probe

A precision specimen

Calibration plate

9-volt alkaline battery