



**PROFILER
TECH**

PROFILER **SENSOR**

YOUR COMPLETE
OVERVIEW



Technical specifications

Range	±16 mil (±400 µm)	with ± 2.5mm initial position indication
Resolution	0.04 mil (1µm)	At room Temperature Battery voltage not less than 6.5 V
Accuracy	± 2% ± 0.16 mil (4 µm)	
Sampling Interval	Max recording speed 4 in/s (100 mm/s)	Slip ring segment size 160 ± 20 mil (4 ± 0.5 mm) Recordings taken in Shape mode are sampled at 20 mil (0.5 mm) across the bar or segment
Physical Dimensions Weight	125 mm x 19 mm x 21 mm 225 g	
Mechanical Main Body Wheel Clamping Plate Cable Length Socket	Chrome plated brass Hardened precision ground steel Stainless Steel 1750 mm Industry standard 8 pin socket	
Application	Insert in 19 mm (3/4 in) brush box Clamping Range 11.8mm - 14 mm	

Specifications are subject to change without prior notice

NB the sensor is compatible with legacy MMS6000 instruments and latest MMS7000 instruments.

