

SPECIFICATIONS
VIBRATION ANALYSER 5050:

Sensor	:	Piezo-electronic Accelerometer with built-in charge amplifier in Stainless Steel body.
Measurement Modes	:	Acceleration (RMS- m/sec ²); Velocity (RMS- mm/sec; Displacement (PK-Pk microns)
Measurement Ranges:		
Acceleration	:	0-0.3 to 0-1,000 m/sec ² True RMS in 8 scales.
Velocity	:	0-1 to 0-3,000 mm/sec True RMS in 8 scales.
Displacement	:	0-3 to 0-10,000 microns Pk-Pk in 8 scales.
Frequency Range	:	1Hz-10kHz (60-6,00,000 Cycles per minute)
Filters	:	High Pass at 1 Hz or 10 Hz user selectable Low Pass at 1 kHz or 10 kHz user selectable
		Tunable filter for frequency analysis with Q=10, over four decades, electronically tuned with up and down touch switches.
Controls	:	All switches are feather-touch membrane type; dust and oil protected.
Display	:	Amount indication on analog meter; Filter centre frequency on digital display.
Enclosure	:	Aluminum enclosure with front carrying handle and top control panel
Dimensions	:	200 (D) x 275 (W) x 80 (H) mm without feet.
Battery	:	Internal rechargeable battery. Approx charge life of 6-10 hours continuous use, and a life of approx 500 deep cycles.
Battery charger	:	Inbuilt
Temperature range	:	0-50 Deg C upto 90% humidity (non-condensing)
Field-Balancing Option	:	Possible with Optional Stroboscope for angle display
Weight	:	2.2 Kgms approx. without accessories
Optional Accessories	:	2-plane Balancing Software for DOS operation.
Standard Accessories	:	Sensor with 2m lead, Touch Probe, Magnetic base, Briefcase type carrying case, Operation Manual

Marketed by **ABE** (Accurate Balancing Equipment)

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