

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

Note1 : The above stated item is designed and manufactured exclusively by Baseline Technologies, New Delhi, India. Baseline Technologies reserves the right to amend the above specifications at any time in the interest of improvement of the product or its process. The above specifications do not constitute a contract unless accompanied with a formal offer from Baseline Technologies.

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