

SPECIFICATIONS

VIBRATION ANALYSER cum DYNAMIC BALANCER 6050:

	Inputs	Two inputs for accelerometers, one for reference tachosensor
	Measurement Modes	Acceleration (RMS- m/sec ²); Bearing Spike (RMS- m/sec ²); Velocity (RMS-mm/sec); Displacement (PK-Pk microns)
	Measurement Ranges:	Three manually selectable ranges and Auto-ranging.
	Acceleration	0-2.5 to 0-250 m/sec ² True RMS in 3 scales.
	Velocity	0-2.5 to 0-250 mm/sec True RMS in 3 scales.
	Displacement	0-25 to 0-2500 microns Pk-Pk in 3 scales.
	Frequency Range	ISO (10Hz-1kHz); 1Hz-1kHz ; 1Hz-10kHz; 10Hz-10kHz
	Measurements	Overall Vibration measurement as per selected mode
		Synchronous Vibration measurement through Auto tracking filter
		Cartesian (x,y) or Polar (amount,angle) Vibration vector measurement
		Min/Max/Mean of 20 overall readings
	Frequency Analysis	Microprocessor controlled frequency analysis over 1 Hz-10kHz with constant percentage bandwidth filter in 1% steps over 1 Hz-1kHz and 2% steps over 1kHz-10kHz. Facility to Pause scanning at any frequency Automatic Peak finding and display routine. Saving in Data Memory for later transfer to PC
	Data Memories	Adequate for storing 24 spectra. After transfer to the PC, an almost infinite spectra can be stored on the disk of the PC.
	Balancing	Single Plane Balancing Single Plane re-balancing without trial weight Two-plane Balancing Two-plane re-balancing without trial weights Easy to follow procedure with prompting of steps.
	Dimensions	288 (W) x 280 (H) x 102 (D) mm. Supplied fitted in a foam-lined briefcase
	Battery	Internal rechargeable battery. Approx charge life of 6-10 hours continuous use, and a life of approx 500 deep cycles.
	Battery charger	Separately supplied as standard accessory
	Temperature range	0-45 Deg C upto 90% humidity (non-condensing)
	Weight	2.8 Kgms approx. without carrying case
	Standard Accessories	1 Sensor with 3m lead, 1 Magnetic base, 1 reference sensor, 1 magnetic stand, 1 battery charger, Briefcase type carrying case, and 1 Operation Manual NOTE: 2 Plane balancing requires 2 sensors.

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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