

## SPECIFICATIONS

### VIBRATION ANALYSER cum DYNAMIC BALANCER 6050:

Inputs	:	Two inputs for accelerometers, one for reference tachosensor
Measurement Modes	:	Acceleration (RMS- m/sec <sup>2</sup> ); Bearing Spike (RMS- m/sec <sup>2</sup> ); 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 <sup>2</sup> 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 re-balancing without trial weights Two-plane Balancing Easy to follow procedure with prompting of steps.
Dimensions	:	288 (W) x 288 (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.

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

5 UK Indl. Est. Behind Durian Furniture, opp Oswal park,  
Pokharan, Road no.2, Thane (W) 400 602 Maharashtra, India,  
Tel:- 022- 21737777 / 78 / 79 Telefax:- 022- 21737788

Email :- admin@accuratebalancing.com / sales@accuratebalancing.com / contact@accuratebalancing.com