

## SPECIFICATIONS

### VIBRATION MONITORING SYSTEM 8000:

Sensors	:	Double shielded - Piezo-electronic Accelerometer with built-in charge amplifier in plated brass body. Sensors require 4 holes to be drilled and tapped M5 at the measuring spot. 5m Integral cable with SS conduit.
Measurement Modes	:	Acceleration OR Velocity (Choose either one for a group of 6 modules)
Maximum no of channels	:	6 per subrack sharing Power supply and display module. Each module is plug-in removable and connects to one sensor.
Measurement Ranges	:	
Acceleration	:	0-199.9 m/sec <sup>2</sup> True RMS.
Velocity	:	0-199.9 mm/sec True RMS
Frequency Range	:	10Hz-1kHz (600-60,000 Cycles per minute)
Power Supply	:	AC 230 V $\pm$ 10%; 50 Hz ; 5VA
Display	:	3 % digital LCD scanning type display common to six measurement modules. Scanning can be paused at any module.
Alarm Relays	:	Each module has three relays corresponding to when corresponding set levels are exceeded. Alarm1, Alarm2 and trip. Each relay operate
Alarm Reset	:	Manually operated reset button
Temperature range	:	0-45 Deg C upto 90% humidity (non-condensing)
Enclosure	:	DIN sized 19" Aluminum subrack 482mm (W) X 133mm (H) X 320mm (D). Allow approx 100mm at rear for connectors and wires entry.
Ordering Information	:	Model 8000- N A/V ; where N= no of modules required (Max 6 per subrack) A/V stands for Acceleration/Vel
Standard Accessories	:	N sensors with 5m integral cable, N/3 nos junction boxes and Operation Manual

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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