

PRODUCT MATRIX

FEATURE	vb3000	vb2000	vb1000	vb1000v	vb1000b
Shared Features					
5 Year Warranty on Data Collector	•	•	•	•	•
5 Year Software and Firmware Upgrades via Website	•	•	•	•	•
Lifetime Help Desk Support via Email	•	•	•	•	•
Vibration Training –12 Hour Interactive Program	•	•	•	•	•
12 Month Upgrade Path Guarantee	•	•	•	•	•
ALL Accessories Included (Hardware/Software)	•	•	•	•	•
vb Data Collector					
Standard Memory	32 MB	8 MB	8 MB	8 MB	8 MB
Measure and Display Acc/Vel/Disp	•	•	•	•	•
95 dB Dynamic Range	•	•	•	•	•
Route Enabled	•	•	•	•	•
Print Directly to Thermal Printer	•	•	•	•	•
Fmax kHz	40 kHz	20 kHz	20 kHz	20 kHz	
Maximum FFT Lines	3200	3200	3200	3200	800
Speed Sensor (Laser Tachometer) Included	•	•	•	•	•
Bump Tests	•	•	•	•	•
Run-up/Coast-down Tests	•	•	•	•	•
Time Synchronous Averaging	•	•	•	•	•
Orders-based Fmax Setting	•	•	•	•	•
Bearing Impact Demodulation	•	•	•	•	•
Single or Dual Plane Balancing	Dual	Dual	Single		Dual
Balancing Kit Accessories Included	•	•	•	•	•
Save Multiple Balancing Reports	•	•	•	•	•
Dual Channel Simultaneous Measurement	•	•	•	•	•
Supports Velocity, Displacement and Current Sensors	•	•	•	•	•
Process Parameter Keypad Entry	•	•	•	•	•
Cross Channel Phase Analysis	•	•	•	•	•
Optional IP65 Enclosure Available	•	•	•	•	•
Ascent – Vibration Analysis Software					
Software Licenses Included (Dongles Provided)	Level 2	Level 1	Level 1	Level 1	
Program vb Data Collector via Ascent Software	2	2	2	2	
Bearing Database Included	•	•	•	•	•
Manual Entry/Edit of Fault Frequencies	•	•	•	•	•
Linear Speed Entry	•	•	•	•	•
User-designable Views in Ascent Software	•	•	•	•	•
3D Waterfall Charts	•	•	•	•	•
Process Parameter Trending	•	•	•	•	•
Advanced Waveform Analysis Tools	•	•	•	•	•
Orbit and Bode Plots	•	•	•	•	•
Customizable SQL/HTML-based Reports	•	•	•	•	•
ISO 2372 and 10816 Standards Automated in Ascent Software	•	•	•	•	•
"The Proven Method" Automated in Ascent Software	•	•	•	•	•
Statistical Methods for Updating Alarm Thresholds	•	•	•	•	•
Price					