3-Axis G-Force Datalogger

Built-in 3-axis accelerometers record the time when shock occurs

Measure and compute real-time spectral data using FFT

Features:

- Record storage, transport or operational data over time
- USB interface for easy set-up and data download
- Record and time 3-axis shock and peaks
- Real time FFT Frequency and Time-Domain Vibration Analysis
- Datalogs 112028 Motion Detection samples per axis, or 168042 Normal samples
- Selectable X-, Y-, Z-axis or any combination (via software)
- Selectable data sampling rate: 50ms to 24 hours
- Manual and Programmable start modes
- User-programmable record threshold
- Long battery life
- Complete with Magnetized/Bolt-on Mounting Base, 3.6V Lithium battery and Windows® 98, 2000, XP, Vista, Win 7 (32-bit and 64-bit) compatible analysis software

Records shock and vibration history in shipping containers

USB connector easily plugs into a computer for data analysis

Specifications	
Sensor Type	MEMS semiconductor
Acceleration Sampling Rate (Datalogger)	200Hz
Acceleration Range	±18g
Acceleration Resolution	0.00625g
Acceleration Accuracy	±0.5g
Bandwidth	0 to 60Hz
Sampling rate (Software)	500 ms to 24 hours
Memory	4Mbit Flash; 112028 Motion Detection samples per axis, or 168042 Normal samples
Data Format	Time stamped peak acceleration, average and peak vector sum
Dimensions	3.7 x 1.1 x 0.8" (95 x 28 x 21mm)
Weight	1oz (20g)

Ordering Information:

VB300 .....Three Axis G-Force Datalogger
42299 .....3.6V Lithium Batery (pkg of 2)

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