

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, and Vista compatible analysis software

**Test Equipment
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Visit us at www.TestEquipmentDepot.com



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 | 200Hz |
| Acceleration Range | ±18g |
| Acceleration Resolution | 0.00625g |
| Acceleration Accuracy | ±0.5g |
| Bandwidth | 0 to 60Hz |
| Sampling rate | 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 Battery (pkg of 2)