Vib Timer
Plus 3Dv2

G-rms, Shock
Temperature & Humidity Logger

VibTimer-Plus 3Dv2 is a new, low cost 3-axis g-rms and peak shock logger for transportation and other industrial monitoring applications. The device attaches to your shipment or machine and records g-rms vibration level information over long time periods along with exact date/time of all measurements.

- 3-axis g-rms vibration logging over user selectable time windows
- Peak-g shock recording (Max) over user selectable time windows
- Max / Min temperature and humidity logging over time windows
- Time Window selections from 1 min to 24 hours
- Active LED indicator lamp
- 6 month battery life
- User-replaceable
- Wireless Blue-Tooth PC data communications
- Very simple to setup & install
- Data imports to excel
- Small Size and Weight
- Low cost

 patent pending
The new VibTimer-Plus™ 3Dv2 provides 3-axis acceleration level documentation of both shock & vibration environments for periods up to six months. The instrument computes and logs g-rms over user selectable, contiguous time windows, along with the actual (Max) peak-shock reading registered over the same time window, for each x, y, and z measurement axis. This provides the user with a complete characterization of the acceleration level environment over extended periods of time. In addition the unit logs max and min temperature and humidity for each time window.

Applications
- Carrier Handling Quality Evaluation and Comparison
- Shipment Monitoring
- Pallets, Ocean Containers, ISO Containers, Crates
- Rail Cars
- Transformers, Fuel Cells, Larg Machines, Semiconductor Fab & More
- Medical Imaging Equipment
- Aircraft Turbulence, Hard Landing
- Ordnance & Munitions
- Ride Quality Measurements
- Fleet Handling Measurements
- Industrial Machinery Monitoring
- Large Machine Vibration Monitoring
- Remote Machine Operational History Documentation

Product Specifications
- Full Scale Measurement Range: 16g, tri-axial
- Accuracy: 5%
- Maximum number of g-rms, Vibration Readings: 10,000
- Maximum number of Peak-G shock Readings: 10,000
- Time Window Selection Options: 1, 10, 30 min; 1, 3, 6, 12, 24 hr
- Digital Sampling Time Resolution: 10 msec
- Frequency Response: DC-40Hz
- Temperature Measurement Range: -40 to +160 deg F
- Humidity Measurement Range: 0 to 100%
- Operational Temperature Range: -40 to +160 deg F
- Operational Battery Life: 6 months
- Switches: (1) On/Off, (2) REC/COM on bottom
- Size: 4.9” x 2.9” x 0.9”
- Weight: 5.6 oz
- Enclosure: Injection molded plastic
- Batteries: Four lithium AAR cells DOT compliant
- Mounting: Three in-built mounting holes
- Options: Mag-Mount-STP/VTP magnetic mounting base, Blue-Tooth STP/VTP wireless USB for PC (PC only), Case: STP/VTP weatherproof case

For more information contact:
IST
Instrumented Sensor Technology
4704 Moore Street • Okemos, MI 48864-1722 • www.isthq.com
Tel: 517-349-8487 • Fax: 517-349-8469 • email: info@isthq.com
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