

- **SMALL IN SIZE**
- **SIMPLE TO INSTALL**
- **ADJUSTABLE SAMPLING RATE**
- **AUTO SAMPLE ON ALARM**
- **INTEGRAL TRIAXIAL VIBRATION SENSOR**
- **USB CONNECTION TO DOWNLOAD TO PC**
- **SOFTWARE INCLUDED**



WHY A DATA LOGGER

Recording and archiving vibration or shock data of sensitive products during transport or in temporary static storage is imperative whether you are a supplier or receiver, to protect your financial interests, and to help manage the quality of your products. Whether you're transporting vibration-sensitive products to market by air, truck, rail or ship container, or monitoring building construction for compliance to local codes, or endurance testing of critical products, placing vibration / shock recording devices on all vibration critical loads is key to customer confidence and critical to a complete quality assurance program.

HOW IT WORKS

The **Model IVDL (In-transit Vibration Data logger)** is a powerful, and easy-to-use front end device for recording critical time and vibration/shock data using latest MEMS vibration technology. The vibration data logger generates serialized, permanent records of vibration conditions during transport of each load that has such a data logger attached to it. This provides quality assurance documentation and corroborating evidence to support insurance claims when vibration-sensitive commodities have been damaged. Post shipping or testing, data from the data loggers can be downloaded into a PC using our easy-to-use data download/management software where the data is analyzed, reported or archived as needed.

Use the **Model IVDL (In-transit Vibration Data logger)** to improve efficiency through better, comprehensive information management.

MOUNTING

The **Model IVDL (In-transit Vibration Data logger)** can be mounted in with goods being transported, or to the shipping containing or the product being tested. Choose one of three (3) mounting methods including via magnetic coupling, screw or bolt, or adhesive mounting.



SPECIFICATION

Measurement Range:	0 to +/-18gs AC or DC (in 3 axis simultaneously)
Measurement Resolution	0.00625g
Calibrated Accuracy:	+/- 0.5 g
Frequency Range:	0 Hz to 60 Hz
Available Data Memory:	85,764 samples
Power:	3.6 battery (14250) – provides up to 1000 hrs of operation
Computer Connection:	USB2.0
Ambient Temperature Rating:	0 Deg C to 40 Deg C, 10% RH to 90% RH
Physical:	95mm x 28mm x 21mm, 31 grams
Software:	Windows XP or newer

SOFTWARE

The **Model IVDL** Microsoft windows compatible software walks the customer through the initial configuration of the vibration data logger where sample rates and vibration level alarms are entered; once configured and data has been gathered, the **Model IVDL** software is used for analyzing the data logger's history where anomalies are identified and a report issued.

The **Model IVDL** software includes unlimited user licenses so more than one operator can use the software at different locations. Unlimited software licenses and an aggressive quantity discount structure for the data logger positions the **Model IVDL** for use over multiple sites, multiple users and multiple applications, making our transient data collector a key component in any plants transient or product testing QA program.

APPLICATIONS

- ✓ Ground, rail, ship, and air transportation of vibration sensitive goods
- ✓ New building construction or renovation project monitoring
- ✓ Part of an expanded QA program that monitors handling of new equipment etc prior to handing over to customer
- ✓ Relocation of expensive art work and museum artifacts

**** Quantity Discounts Available ****