

# DIGI-SHOCK G

## Impact Recorder



The **Digi-Shock G** is a reusable digital shock recorder that monitors impacts up to 25g or 100g.\*

Our mission control software (included) is easy-to-use and allows for quick and simple set-up of mission parameters. A mission summary provides the start and end date of the mission, highest and lowest temperature, with the largest impacts on each axis during a journey.

An LED visual indication displays when user-defined alarm parameters are exceeded at any time, advising users that the monitored product may have been damaged and should be inspected immediately.



# Technical Specifications

## Power:

A single C-Cell battery (3.6v Lithium primary) or USB cable

- Automatic battery disconnect when USB is plugged in.
- Protection circuit to prevent device damage if batteries are installed backwards

## Battery Life:

6 months

## Operating Temperature:

- 40°F to 140°F (battery operating range)

## Memory:

Flash memory capable of more than 1 million events. Retains data in event of power loss.

## Accelerometer:

± 25g or ± 100g\* on the X,Y and Z axis lines. Samples 250 times per second.

## High Efficiency LED:

Provides device status in real time

## Standard A-B USB cable:

For connection to PC. No special cable required to retrieve data. Encrypted data file can be e-mailed directly back to sender for review.

## Physical:

5" x 3.5" x 1.5" plastic case, 8 oz with batteries installed

## Optional:

Metal mounting plate, replacement lithium battery, waterproof pelican case and magnetic mounting plate

## Certification:

TUV, CE & CB

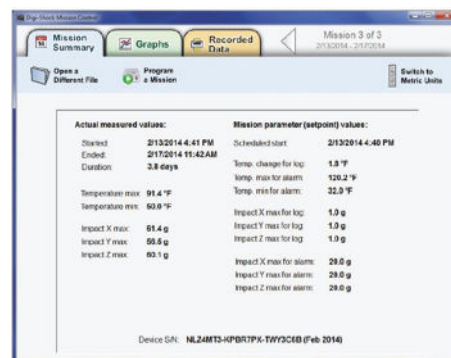
Specifications subject to change without notice.

Made in the U.S.A.

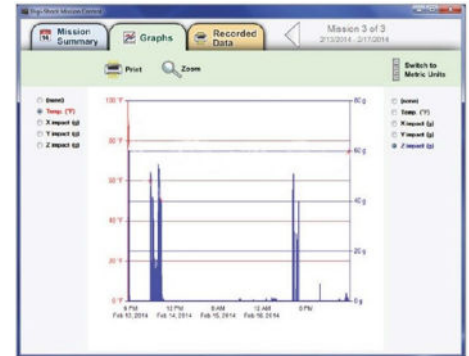
# Features

- Fully reusable long-life device
- Records the duration, amplitude, and direction of all impacts.
- User-defined alarm levels
- LED alarm and power lights
- Simple Windows based software for quick and easy set up and evaluation
- Software not required to retrieve encrypted data file at destination
- 25g model has higher data resolution
- Impact Duration
- Mission can be downloaded and emailed or downloaded directly into software for evaluation
- Serialized identification for security
- Complete data analysis of the transportation time with acceleration values on all axes
- Zoom feature for specific time slots evaluation
- Export and print capabilities for data

# Mission Software



- Mission Summary provides the start and end date of the mission, plus the largest impacts on each axis during a journey.
- An encrypted mission file can be downloaded and emailed without the software installed. Enables user to view the mission file



(requires software) immediately without waiting for the device to be returned.

- Mission graphs provide a detailed report of each mission. This enables customers to view every single event during a journey.
- Language selectable using Mission Control: English, German, Spanish, Chinese, Portuguese and Japanese.
- Optional Parameters: Set start and stop for date and time of mission. Set alarm levels for each axis individually. Set g level threshold for storing data (i.e. set at 3g to record 3g or higher events).

\*Device can be ordered with g force level up to 25g or up to 100g. The 25g provides higher data resolution.



# Contact Us

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