



DIGI-SHOCK

IMPACT & TEMPERATURE RECORDER

IMPACT-O-GRAPH
DEVICES

Digi-Shock model GT

Impact and Temperature Recorder

(Also available In Model G with Impact Recording only)

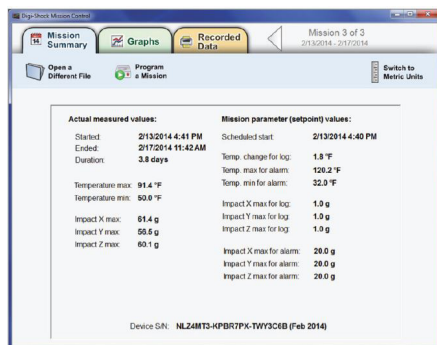
- The Digi-Shock GT is a reusable digital shock and temperature recorder that monitors impacts up to 100g and records temperature events.
- An LED visual indication displays when user-defined alarm parameters are exceeded at anytime, advising users that the monitored product may have been damaged and should be inspected immediately.
- The easy-to-use software allows a quick and simple set up of mission parameters.
- A mission file can be downloaded and emailed without the software installed. This enables customers to view the mission file immediately without waiting for the Dig-Shock to be returned.
- Mission Summary provides the start and end date of the mission, highest and lowest temperature, and the largest impacts on each axis during a journey.
- Mission graphs provide a detailed report of each mission. This enables customers to view every single event during a journey.



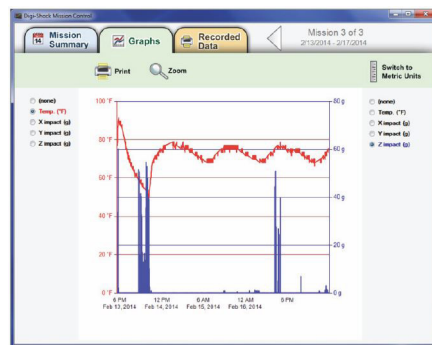
Features

- Fully reusable long-life device
- Records X, Y and Z axes, and temperature
- 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 download data file at destination
- Serialized identification for security
- Simple Windows-based software for quick and easy setup of g-force and temperature parameters
- Data file of mission can be downloaded and e mailed or downloaded directly into software for evaluation
- Complete data analysis of the transportation time with acceleration values on all axes and temperature
- Zoom feature for specific time slots evaluation
- Export and print capabilities for data

Mission Summary



Mission Graphs



Impact-O-Graph Devices has a complete line of products for your transportation monitoring needs.

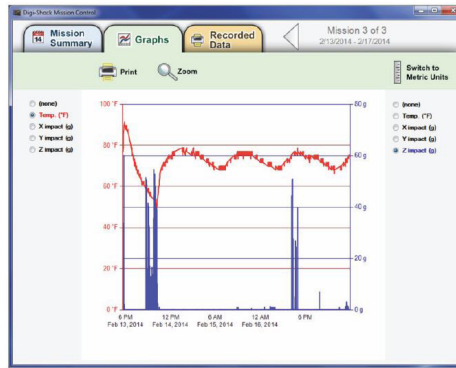
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Effective: 8/10/15

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Temperature and Y axis mission graph

Technical Specifications

1. Power: A single C-Cell battery (Lithium Ion preferred, Alkaline OK) or USB cable.

- Automatic battery disconnect if over-discharge is detected.
- Automatic battery disconnect when USB cable is plugged in.
- Protection Circuit to prevent device damage.
- if batteries are installed backwards.

2. Battery Life: 60 days minimum (Lithium Ion Batteries).

3. Model GT Operating Temperature:

- 40°F to 140°F (battery operating range, Lithium).

Memory: Flash memory capable of more than 1 million events.

- Retain data in event of power loss.

5. Accelerometer: $\pm 100g$ on the X, Y, and Z axis lines.

- Samples 100 times per second (50Hz).
- Readings are automatically compensated for time and temperature drifts.

6. Model GT: Temperature: Read 1/minute.

7. Standard A-B USB cable required for connection to a PC computer.

- No special cable or software needed to retrieve data file.
- Data file can be emailed directly to a technician to review file.

8. High Efficiency LED provides device status in real time.

9. Physical Specs:

- 5" x 3.5" x 1.5" plastic case.
- 8 ounces – with batteries installed.

10. Optional metal mounting plate if necessary.

11. Optional Mission Parameters:

- Set start and stop for date and time of mission.
- Set Alarm levels for each axis individually.
- Set Alarm levels for both high and low temperatures.
- Set g-level threshold for storing data (i.e., set at 3g to only record 3g or higher events).
- Set delta level for temperature data storage (i.e., set at 2 degrees to only record temperature when it exceeds a 2 degree difference from the previous reading).

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