

innRecord

DATA RECORDER

The innRecord is an essential device to record the shocks, vibrations and accelerations that take place during transportation. This information can later be used in the design/optimization of the packaging to guarantee the safety of the goods.

ADVANTAGES

- > Able to record continuously vibrations, pitch and roll movements, and shocks.
- > All data is recorded in a micro SD card for its later analysis and processing.
- > innRecord can be also placed inside refrigerated trucks.
- > Registered routes can be analyzed and processed for their simulation in a vibration, pitch and roll, shock, drop and acceleration testers.



DR2 Technical specifications:

MECHANICAL SPECIFICATIONS

- > Size: 100x100x50mm.
- > Chassis material / Material case: Aluminum.
- > Weight: 800 gr.
- > Environmental: Weather resistant (-20° to +60° C).
- > Optional Mounting: Magnet / Structure attachment.

DATA ACQUISITION - 3 SENSORS

Axial Vibration Accelerometer

Triaxial MEMS 3 axes (x, y, z)

- > Programmable Sampling Frequency (Hz): 200, 500, 1,000.
- > Acceleration range $\pm 6g$.
- > Timer trigger Continuous recording

Shock accelerometer

Triaxial capacitive 3 axes (x, y, z)

- > Sampling frequency (Hz): 2,000.
- > Acceleration range: $\pm 200g$.
- > Programmable threshold (g): 6, 30, 40, 50, 100.

Gyroscope Dual-Axis MEMS 2 axes (x, y)

- > Programmable Sampling Frequency (Hz): 20, 25, 50, 100, 200
- > Angular velocity range: $\pm 100^\circ / s$
- > Timer trigger: Continuous recording

MEMORY

- > Memory type: Micro SD- card

POWER

- > Internal: Li-ion batteries
- > Running time:
(* up to 5 days with internal battery.
(* up to 90 days with external battery.

SOFTWARE

- > User set up interface: Software DR™
- > Analysis interface: DR Analysis Software™
- > Compatibility: Microsoft Windows®, 7, 8, 10

CONTROLS & INDICATORS

- > Controls Stop/Start Button
- > LED indicators: Green: Run
Red: Alarm

If you are interested in a getting custom solution,
please do not hesitate to contact us.

www.safeloadtesting.com
www.safeloadtesting-usa.com

TESTING EQUIPMENT | CONSULTANCY | TRAINING | AFTER-SALES SERVICES

NOTE: Safe Load Testing Technologies reserves the right to modify these specifications at any time without notice due to continuous product innovation.

