Features

- Records 3-axis shock
- Built-in accelerometers
- Measures dynamic and static acceleration
- Real-time operation
- Low cost
- Programmable start time
- Reusable
- Compact
- CE compliant
- Optional password protection
- High speed download (115,200 baud)

Applications

- Shipment monitoring
- Assembly line monitoring
- Brake testing
- Fragility testing
- Laboratory drop testing
- Aircraft turbulence measurement
- Machinery monitoring
- Railcar coupling impacts

The Shock101 is a battery powered, stand alone 3-axis shock recorder. The Shock101 measures and records shock as the peak acceleration levels over the user defined interval. The Shock101 is specifically designed for documenting dynamic environments such as moving vehicles, trucks, containers, ships, etc. The device is also valuable in characterizing environments such as production and assembly lines of delicate equipment, IC fabrication, communications and computer components. This is an all-in-one compact, portable, easy to use device that will measure and record up to 349,525 measurements per axis. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. The device can be started and stopped directly from your computer and it’s small size allows it to fit almost anywhere. The Shock101 makes data retrieval quick and easy. Simply plug it into an empty COM or USB port and our user-friendly software does the rest.

MadgeTech Data Recorder Software displays shock data in an easy to use graph.

The Windows®-based software package allows the user to effortlessly collect, display and analyze data. A variety of powerful tools allow you to examine, export, and print professional looking data with just a click of the mouse.

Click MadgeTech Software for more information or to download the software.
MODEL | DESCRIPTION | PRICE (U.S.)
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SHOCK101-5 | ±5g Tri-Axial Shock Recorder | $599.00
SHOCK101-50 | ±50g Tri-Axial Shock Recorder | $599.00
SHOCK101-100 | ±100g Tri-Axial Shock Recorder | $599.00
IFC110 | Software, manual and RS232 interface cable | $99.00
IFC200 | Software, manual and USB interface cable | $119.00
U9VL-J | Replacement battery for Shock101 | $15.00

Calibration certificates available. Call for pricing.