

Field instruments

Whether sending a satellite into orbit, shipping sensitive electronics, or receiving a load of produce, you need to know that your products will maintain their integrity during transit. Lansmont's portable, self-powered SAVER Field Instruments can meticulously measure and continuously monitor the movement of products within any environment.



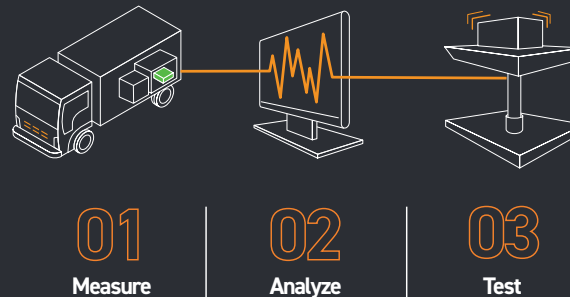
Test instruments

Test Partner is a powerful combination of software and hardware for immediate capture and analysis of transient events, applying analog IEPE and/or DC-based sensors. Test Partner is configurable for high-channel data acquisition needs.



Field-to-Lab® consulting

Lansmont's Field-to-Lab Consulting service helps you set up our SAVER instruments for accurate data collection, supports you in gathering and analyzing real-world measurements, and, if needed, guides you in developing lab tests that reflect your true transport conditions.



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Lansmont reserves the right to alter equipment specifications without prior notice.
E&OE 05/20254



Testing and measurement solutions

For improved packaging performance



**PHYSICAL
PROPERTIES
TESTERS
GROUP**

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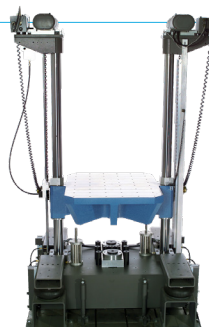
Explore our range

Our test systems supports comprehensive test and measurement solutions for drop, shock, vibration, and compression. Our proven Field-to-Lab® methodology begins with high-fidelity measurement of real-world environmental dynamics, followed by simulation testing of those dynamics in a laboratory environment.

Shock vertical

Test systems are used worldwide to test the consumer, electronic, automotive, medical, military and aerospace products and components that shape our lives.

Max Acceleration	10,000 g
Max Payload	1134 kg (2500 lbs)



Vibration

Test systems are used to simulate real-world environments in an effort to verify cost-effective, yet robust product and protective package designs.

Frequency Range	1-300 Hz
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Drop

Test systems are used in pre-shipment testing to simulate transport hazards in an effort to design and verify cost-effective, optimized protective packaging solutions.

Drop Height	2.5-183 cm (1-72 in)
QR3000 Max*	1361 kg (3000 lbs)

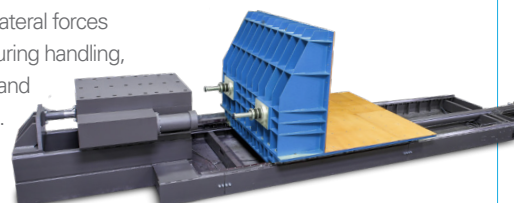
*Max Carriage



Shock horizontal

Horizontal Impact Test Systems (HITS) simulate the real-world lateral forces experienced during handling, transportation and railcar coupling.

Max Payload	2721 kg (6000 lbs)
Max Velocity	5.4 m/s (212 in/s)



Shake

Mechanical shaker test systems are used to subject packaged products to repetitive impacts which challenge the integrity of protective packaging systems.

Max Payload	909 kg (2000 lbs)
Frequency Range	2-5 Hz



Impact

Inclined impact test systems are used to simulate the side-impact hazards that unitized, packaged products experience during handling and transport.

Max Payload	2721 kg (6000 lbs)
Max Velocity	2.2 m/s (87 in/s)



Compression

Test systems are used to perform pre-shipment testing, designing suitable load-bearing protection systems as part of an overall optimized packaging solution.

Max Opening	213 cm (84 in)
Max Force	222 kN (50000 lbs)



Custom systems

Lansmont provides custom-engineered test systems for specialised packaging, product and transport test applications.

Designed for	Application-specific requirements
Supports	Specialised test inputs
Delivers	Repeatable laboratory simulation

From gathering real-world data to creating representative laboratory tests, we're here to help – lansmont.com