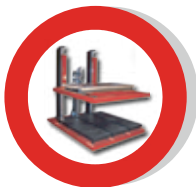


OUR EQUIPMENT. YOUR SUCCESS.



CONTROL THE UNCONTROLLED



GLOBAL SERVICE

Our support services include: overall project management, equipment installation, on-site and in-house repair, upgrades, operational training, annual calibration, certification programs, and preventative maintenance service contracts. L.A.B. Equipment, Inc. is a team based organization committed to manufacturing quality products on a consistent basis while maintaining a work ethic and attitude directed towards continuous improvement. Our product quality, reliability, and customer support services are second to none.



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Shock Test Systems

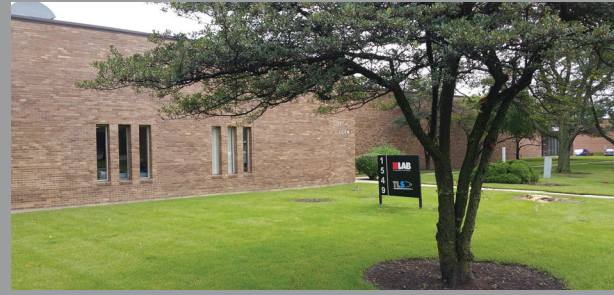


L.A.B. Equipment, Inc.



WHO WE ARE

Established in 1933, L.A.B. Equipment, Inc. stands at the forefront of design and the manufacture of product reliability and package testing equipment. Our commitment to the advancement of this industry is unsurpassed, which is why we have been recognized as the global leader for decades. Every machine designed and built by L.A.B. Equipment, Inc. is perfected to the customer's needs and industry standards. Our strong work ethic and highly knowledgeable staff of designers, engineers, machinists, customer support, and the global network of sales representatives makes L.A.B. Equipment, Inc. one of the strongest team-based organizations around. We continuously strive to improve and make our equipment a part of your success.



PRODUCT TESTING

Shock and vibration levels encountered in end-use environments can degrade the quality of products and increase warranty expenses. Private industry and the military have realized the benefit of simulating the conditions a product or component will encounter during operation, distribution and working environments. The design and performance of products can be evaluated and improved through the use of shock and vibration testing systems. With improvement in quality, you will realize a reduction in product damage and an increase in customer satisfaction. The use of L.A.B. Equipment, Inc.'s comprehensive line of test systems will improve time to market, reduce product development costs, minimize warranty expenses, and put your company on the road to maximizing profits.

HOW IS IT DONE?

L.A.B. Equipment, Inc. takes great pride in customer satisfaction and is driven to satisfy the needs of the ever-expanding global marketplace. We possess one of the most experienced and highly qualified engineering facilities in the industry. Our highly trained and motivated workforce combined with the latest technology in computer-assisted hardware and software design has proven to produce exceptional results. This ensures product quality, minimal product defects, and the full satisfaction of our customers.

OUR AFFILIATIONS

People turn to L.A.B. Equipment, Inc. because they want reliable product and package testing equipment along with superior support services; and it cannot be done alone. That is why we have teamed up with world-class organizations such as: the American Society for Testing and Materials (ASTM), the International Safe Transit Association (ISTA), the Technical Association for the Pulp & Paper Industry (TAPPI), the Institute of Packaging Professionals (IOPP), and the International Organization for Standardization (ISO).

OUR CUSTOMERS

Every industrial, commercial, consumer, and military manufacturer needs to distribute products to their ultimate customer in an effective manner. L.A.B. Equipment, Inc. has been providing equipment and support services to an expansive array of customers for decades. Just ask any one of our customers:

- Johnson & Johnson
- Erickson
- LG Group of Companies
- Nestle
- Mitsubishi
- Philips
- General Electric
- Samsung Group of Companies
- Proctor & Gamble
- Intel

PACKAGE TESTING

Relying on the distribution environment to test packaging designs and materials can be costly and time-consuming. Vibration, compression, drops, and impacts are variables that packages and unitized loads experience when traveling from point of manufacture to final destination. Pre-shipment testing exposes packages to such destructive hazards in a controlled environment. L.A.B. Equipment, Inc.'s comprehensive line of package testing equipment allows designers to test the packaged/product system, minimize packaging materials and costs, and reduce the risk of shipping damages while increasing customer satisfaction.

OUR SUPPORT SERVICES

In an effort to ensure the seamless integration of our products with your facilities and organization, L.A.B. Equipment, Inc. offers a variety of pre and post-sales support and services. Our support services include: overall project management, equipment installation, on-site repair, in-house repair, upgrades, operational training, annual calibration, certification programs, and preventative maintenance service contracts. We will build it and we will maintain it. What else could you ask for?

WHAT DOES THIS MEAN TO YOU?

The success of product reliability and package testing relies on precise and dependable test equipment. Our test systems are guaranteed to improve product quality, reduce packaging costs, and minimize shipping damages by ensuring your product or package can withstand the everyday abuse in the distribution environment.



SHOCK TEST SYSTEMS

Products and packaging often require extensive testing in an effort to ensure their quality and reliability. Shock levels encountered within the user and distribution environment are often severe and damaging to not only the product but your relationship with your customer. L.A.B. Shock machines are employed in an effort to minimize if not eliminate the chances of this happening. L.A.B. Shock Systems produce controlled, reproducible and accurate shock levels that meet your environment as well as industry-specific standards. L.A.B. shock machines comply with Mil Spec, ASTM, ISO, JEDEC and other internationally recognized standards.

AutoShock II™ TEST SYSTEMS

L.A.B.'s fully automated shock machines are unmatched in the industry when it comes to features and performance. Our shock systems are state-of-the-art tools for determining product fragility and evaluating protective packaging for its endurance in the distribution environment.

Balanced hydraulic lift cylinders provide automatic position and precision alignment. Windows-based control systems incorporate a shock drop calculator that determines drop heights and pressures quickly while advancing the machine to the proper height effortlessly. A wide variety of data capture systems can easily be integrated to meet your needs. Our shock pulse programmers are located inside the seismic base, resulting in a lower working surface and overall machine height than other manufacturers.



HIGHLIGHTED PERFORMANCE CAPABILITIES:

- Table Size Ranges: 24"x32" to 60"x60"
- Test Load Rating: 500 kg to 900 kg
- Acceleration levels to 1000 G
- Pulse Durations: 2ms and higher
- Half Sine, saw tooth and trapezoidal (square wave) pulse programmers

SD Series™ SHOCK TEST SYSTEMS-SD10/SD16/SD24

The L.A.B. SD Series™ mechanical shock systems are loaded with high performance features ensuring long-term precision and repeatability shock after shock. Advanced control systems allow easy integration with all data capture systems and provide settable/continuous cycle counters for operator convenience and efficiency. Our unique rebound-free brakes require no air or electric utility. An isolated high density reaction mass guided by bearings and a heavy-duty dampening system eliminate the need for special foundations. Full safety guards are standard equipment with all SD systems.

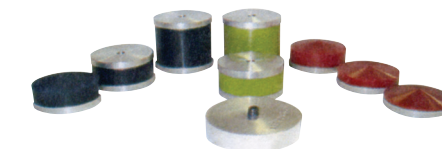


Mass shock Amplifier

HIGHLIGHTED PERFORMANCE CAPABILITIES:

- Table Sizes- 10"x10", 16"x16", 24"x24"
- Test Load Rating: 30 lbs. to 400 lbs.
- Acceleration levels to 5000 G
- Pulse Durations: 0.3ms and higher
- Half Sine, saw tooth and trapezoidal (square wave) pulse programmers

SD Series Elastomer Kit



AutoShock II Elastomer Kit

