



INCLINE IMPACT

OUR EQUIPMENT. YOUR SUCCESS.

INCLINE IMPACT

Packages in the distribution environment experience sudden side impacts caused by unpredictable motion while in transit. To ensure the integrity of the package, the L.A.B. Incline Impact Test System assists in determining the overall durability of the package or product by impacting all four sides in a controlled, measurable and repeatable manner.

TEST WITH CONFIDENCE

L.A.B. Equipment's line of Incline Impact Test Systems simulate the hazards encountered in the distribution environment, such as:

- Rough Handling
- Pallet Marshalling
- Rail Car Switching

Complies with ISTA, ASTM, ISO, MIL STD, and other internationally recognized test standards.

INCLINE IMPACT FEATURES

Easy Load Dolly

- For ease of loading and unloading, all L.A.B. models have the feature which allows dollies to be loaded with rail assembly in a parallel position close to the floor

Rigid Backstops

- The backstop provides rigid, unyielding impact surfaces to ensure that impact forces are applied uniformly to the test specimen. The specification compliant massive steel framework serves as a realistic impact surface

User Controlled Impact Velocity

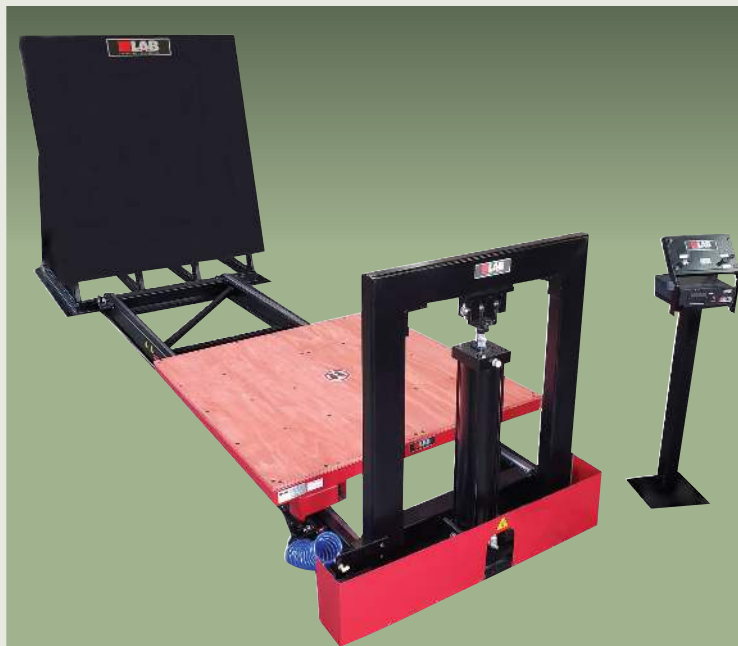
- Adjustable dolly travel provides for varied impact velocity

Operator Control Stand

- Control stand with built in safety interlock allows for an efficient and safe operating cycle away from the area of impact while also affording a convenient location for the VM1200

Fully Assembled

- L.A.B. ensures each assembly is tested for desired impact velocity, maximum designed payload and trouble-free installation and operation



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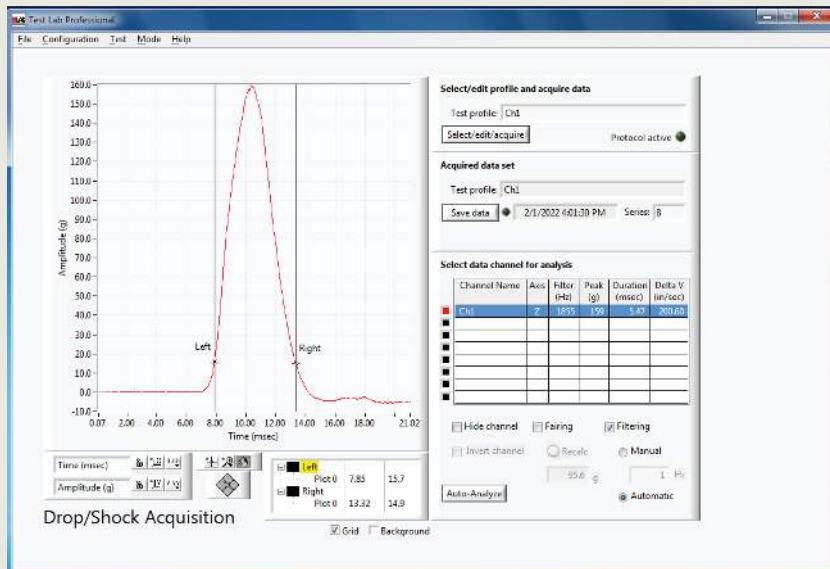
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VM1200 VELOCITY METER

- Optical Gate system accurately measures dolly velocity at point of impact
- Conveniently mounts on remote control pedestal
- Can be ordered to display velocity in either English or Metric units



VM1200



OPTIONAL TEST LAB PROFESSIONAL (TLP-DS)

- Professional grade data acquisition and analysis system
- Up to 4 channels
- Automatic sampling rate
- Short pulse duration capture
- Automatic or manual triggering
- Multi-tool data manipulation

INCLINE IMPACT SERIES MODEL COMPARISON



The L.A.B Incline Impact can easily be configured to be CE compliant as well as meet all local health and safety requirements.



The remote operator control station, with the remote dolly release, facilitates a safe and secure release. The operator remote raising and lowering of the incline also insures a safe remote operation.

Properly positioning the system during installation, with a fencing system to restrict operator access, is all that is required for compliance.

Model	II1000	II2000	II4000	II6000	II8000	II10000
Payload Capacity	1000 lbs / 454 Kg	2000 lbs / 907 Kg	4000 lbs / 1815 Kg	6000 lbs / 2722 Kg	8000 lbs / 3630 Kg	10000 lbs / 4537 Kg
Impact Face	60 in x 60 in / 1524 mm x 1524mm	72 in x 72 in / 1829 mm x 1829 mm	84 in - 84 in / 2134 mm x 2134 mm	84 in - 84 in / 2134 mm x 2134 mm	84 in - 84 in / 2134 mm x 2134 mm	96 in - 96 in / 2438 mm x 2438 mm
Dolly Surface Area	48 in x 48 in / 1219 mm x 1219 mm	60 in x 60 in / 1524 mm x 1524mm	72 in x 72 in / 1829 mm x 1829 mm	72 in x 72 in / 1829 mm x 1829 mm	72 in x 72 in / 1829 mm x 1829 mm	84 in - 84 in / 2134 mm x 2134 mm
Impact Velocity	8 ft/sec / 2.22 m/sec					
Simulates Free Fall Height	18 in / 457 mm					



Standard configurations shown. Optional Dolly and/or Impact Face sizes available. Due to our continuous commitment to product development, the above specifications and features may be modified without notice.

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