



Inclined Impact Testers



152 - 4K



213 - 6K

During shipping and handling, large packages such as pallet loads or crates will experience some bumps and bruises. Lansmont Inclined Impact Testers are ideal for testing your packaged-product's ability to withstand the types of impacts that occur in the distribution environment. Lansmont Inclined Impact Testers comply with industry standard package testing specifications such as ASTM, ISTA, ISO, and MIL-STD.

PERFORMANCE SPECIFICATIONS

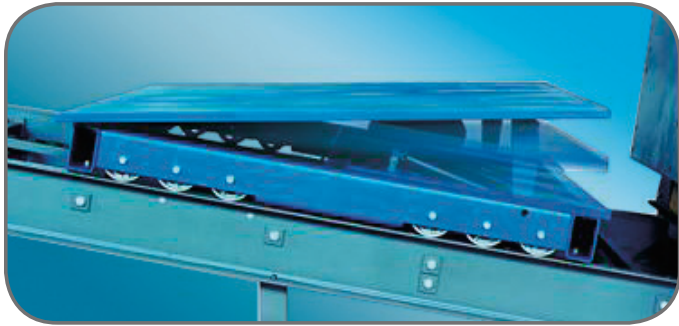
	152-4K	213-6K
Carriage Size (L x W)	60 x 60 in. (152 x 152 cm)	84 x 84 in. (213 x 213 cm)
Backstop Size (W x H)	84 x 76 in. (213 x 193 cm)	96 x 96 in. (244 x 244 cm)
Velocity	7.3 ft./sec. (2.2 m/sec.)	7.3 ft./sec. (2.2 m/sec.)
Payload Capacity	4000 lb. (1814 kg)	6000 lb. (2721 kg)



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FEATURES



Articulated Specimen Loading:

Allows the carriage to be loaded with a level top surface for safety and convenience. After the test specimen is loaded, the top of the carriage is lowered into its testing configuration and drop sequences happen in the conventional method. Lansmont's pneumatic articulation system is fast, safe, and reliable.



Hand-held Control:

All machine functions are controlled through a hand-held control pendant, allowing machine operator the ability to position the carriage from different points around the machine.

carriage from different points around the machine.

OPTIONS



Integrated Safety Interlocks:

Allows for operators to use optional safety systems, such as pressure sensitive safety mats or photocell

light curtains, which disable the test system when triggered. A positive lockout safety pin also prevents the carriage from moving when inserted.



Impact Speed Meter:

Allows carriage impact velocities to be measured. Simple LCD display shows Impact Velocity in English or Metric units and is compliant with ASTM and ISTA standards.



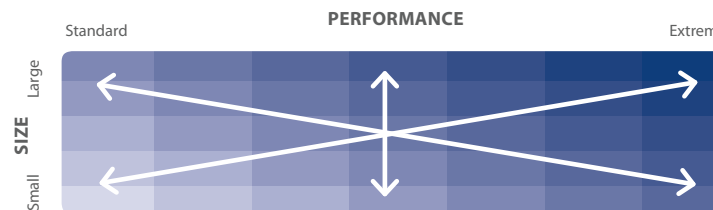
Test Partner Data Acquisition:

Lansmont's Test Partner sets the standard for data acquisition systems used for laboratory impact testing. Test Partner is a powerful combination of software

and hardware specifically tailored to capture and analyze mechanical shock, drop, and impact events. It can acquire up to sixteen channels of acceleration data simultaneously.

MADE TO ORDER

Not quite the equipment size or performance level that you need? If we do not already manufacture the test machine ideally suited for your company's testing applications, our engineering team can custom design a test system specific to your needs.





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SPECIFICATIONS

UTILITIES	152-4K	213-6K
Power -		
Standard voltages:	208-230 VAC	208-230 VAC
	1 phase	1 phase
	50-60 Hz.	50-60 Hz.
	25 amps	25 amps
Plant air:	80 psi (5.6 kg/cm ²)	80 psi (5.6 kg/cm ²)

PHYSICAL

Table size	60 in. (152 cm) square	84 in. (213 cm) square
Backstop dimensions	84 x 76 in. tall (213 x 193 cm tall)	96 in. (244 cm) square
Velocity	7.3 ft./sec. (2.2 m/sec)	7.3 ft./sec. (2.2 m/sec)
Payload capacity	4000 lbs. (1814 kg)	6000 lbs. (2721 kg)

MACHINE ENVELOPE (standard machine)

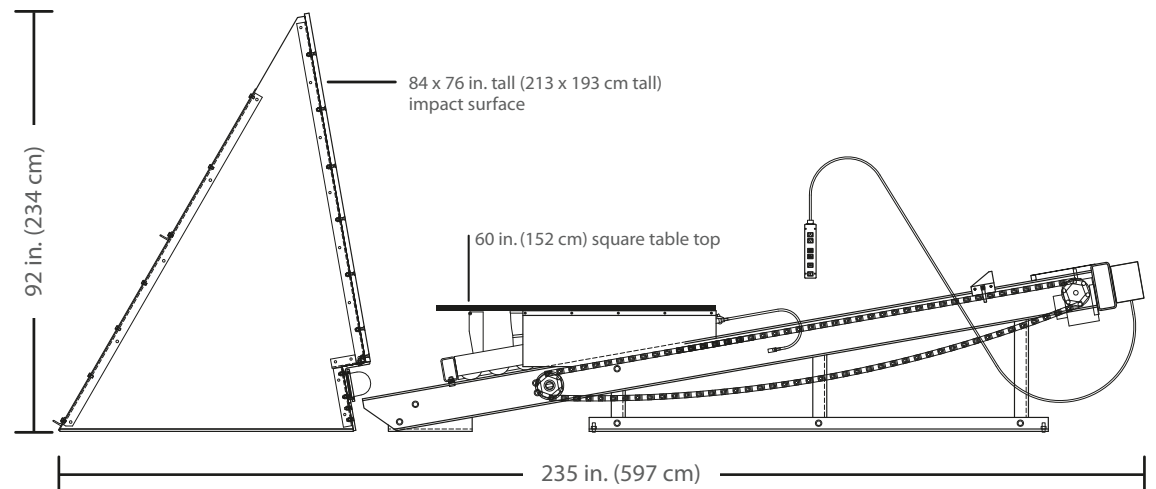
Height:	8 ft. (2.4 m)	9.5 ft. (2.9 m)
Width:	8 ft. (2.4 m)	9 ft. (2.7 m)
Length:	20 ft. (6.1 m)	24 ft. (7.3 m)

SHIPPING WEIGHT

Gross weight	12,500 lbs. (5669 kg)	16,000 lbs. (7258 kg)
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SYSTEM DRAWINGS – STANDARD CONFIGURATION – SIDE VIEW

152-4K



213-6K

