TrueDrop™ 160

Your Only Source for Customer Focused Shock & Vibration Test Solutions

TECHLAB SYSTEMS

DROP TESTING

DROP TEST SYSTEM Precision drop testing at an affordable price. The TrueDrop™ 160 drop tester. This drop tester represents the ultimate in product and package performance testing and is designed to meet a wide variety of global testing needs.

TEST WITH CONFIDENCE

One of three models in the TRUEDROP™ Series. It helps determine the ruggedness of packages and the effectiveness of their interior cushioning when exposed to impact during material handling. The effects of dropping are easily duplicated in a laboratory setting using controlled and precise flat, corner, and edge drop tests.

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



NEW FEATURE!

- Short drop arm included for extremely low drop testing
- Designed to allow a minimal drop height of 8" (203mm)
- User configurable in minutes

Engineered to be Reliable and Flexible

- Precision linear rail design with Single Drop Arm Action
- 160 lbs (73 kg) maximum payload capacity
- 32" (813 mm) maximum package depth
- 36" W x 32" D (914x 813mm) steel impact surface
- Standard 12" - 72" (300 - 1829mm) adjustable drop height
- Package Holding Fixture holds package in correct orientation prior to drop
- Test sequence counter tracks the number of drops performed for product life cycle monitoring
- Versatile package height and width

CE Compliant

Payload Capacity	160 lb (73 kg)
Drop Height	12-72 in (305-1829 mm)
Maximum Package Depth	32 in (813 mm)
Impact Zone	36x32 in (914x813 mm) - WxD
Utility Requirement (Electrical)	220V / 1Ph / 50-60Hz / 7Amp
Utility Requirement (Air)	90 PSI (620 kPa) / 2 cfm (60 lpm)
Machine Weight	1300 lb (590 kg)
Machine Dimensions	103x36x69 in (2616x914x1753 mm) - HxWxD

Due to our continuous commitment to product development, the above specifications and features may be modified without notice.

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L.A.B Equipment LLC, 1549 Ardmore Avenue, Itasca, IL 60143, USA
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Advanced Operator Controller Station

Full featured automated operator control pedestal station for safe and efficient operation

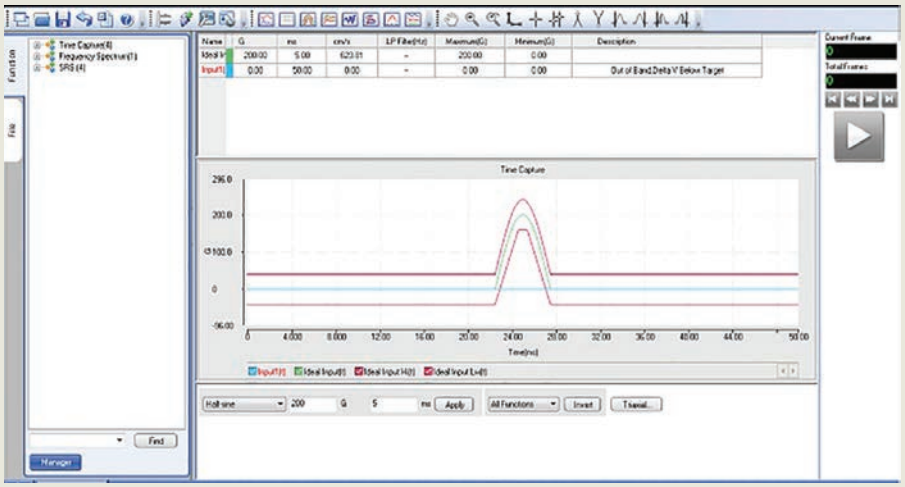
- Full featured touch/visual vibrant display
- Programmable in SAE or Metric units
- 2 Button Drop Release for enhanced safety
- "Arm" and "Drop/Release" indicators for safe operation
- Programmable drop height, home and drop count input selections
- Audible Alarm upon release



Package Holding Fixture

TrueDrop™ 160 OPTIONS

- Extended drop height
- Containment pan for liquid testing
- Enlarged base plate for larger packages
- Wooden base plate for MIL STD 810 testing
- Safety Fence for CE Compliance



DAS-105 Data Acquisition System: Drop & Shock

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