

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



DROP
with
CONFIDENCE



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.



Advanced Operator Controller Station


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

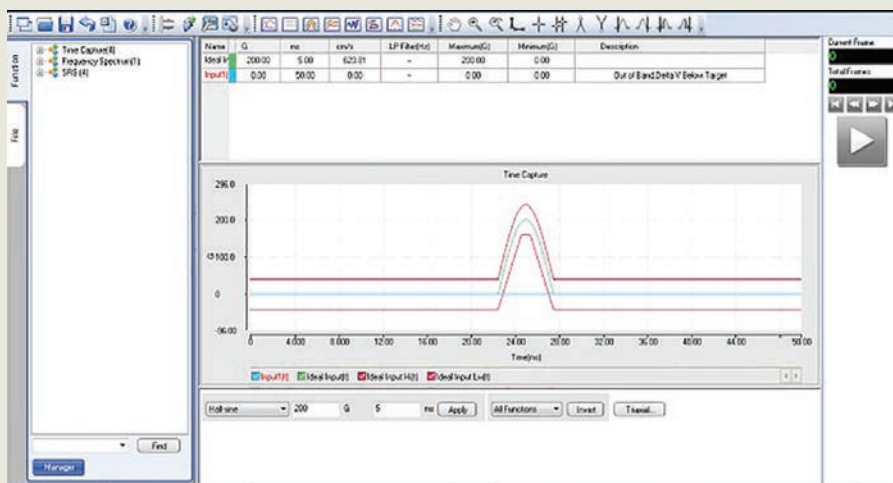
- Full featured touch/visual vibrant display
- Programmable in SAE or Metric units
- 2 Button Drop Release for enhanced safety
- “Arm” and “Drop/Release” indicators for safe operation
- Programmable drop height, home and drop count input selections
- Audible Alarm upon release



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  Compliance



DAS-105 Data Acquisition System: Drop & Shock