L.A.B
Your Only Source for Customer Focused
Shock & Vibration Test Solutions

TrueDrop™ 500

TECHLAB SYSTEMS

DROP TESTING

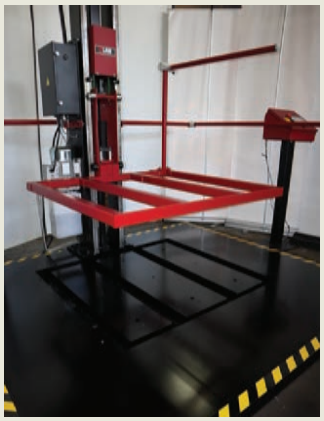
DROP TEST SYSTEM

Precision drop testing at an affordable price. The TrueDrop™ 500 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. TRUEDROP™ 500 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.



DROP
with CONFIDENCE

CE COMPLIANT

Features

Hydraulic Lift System with Multiple-Tine Drop Carriage configured for a variety of products

- 500 lbs (227 kg) maximum payload capacity
- 48" W x 30" D (1219x 762 mm) steel impact surface - Standard size - (custom available)
- 2" - 48" (51- 1200 mm) adjustable drop height Standard drop system - (custom heights available)
- Fully Automated Operator Control Pedestal Station for safe and efficient operation
  - Full featured touch/visual vibrant display
  - Programmable in SAE or Metric units
  - "Arm" and "Drop/Release" indicators for safe operation
  - Programmable drop height, home and drop count input selections
- Versatile package height and width
- Package Holding Fixture holds package in correct orientation for corner and edge impacts

Payload Capacity	500 lb (227 kg)/TrueDrop™ 750+ (350 kg)
Drop Height*	2-48 in (51-1200 mm),*higher drop heights available
Maximum Package Size	Dependent on impact surface and drop tines
Impact Zone**	48x30 in (1219x762 mm) - WxD, **expandable as required
Utility Requirement (Electrical)	220-240 VAC/3 Ph/50-60Hz/15 amp or 380-460 VAC/3Ph/50-60Hz/10 amp
Machine Weight	2,000 lb (970 kg)
Machine Dimensions***	96x48x44 in (2.4x2.1x1.1 m) - HxWxD-***Standard model

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

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Intuitive and Operator Safe multi-position control station

TrueDrop™ 500 OPTIONS

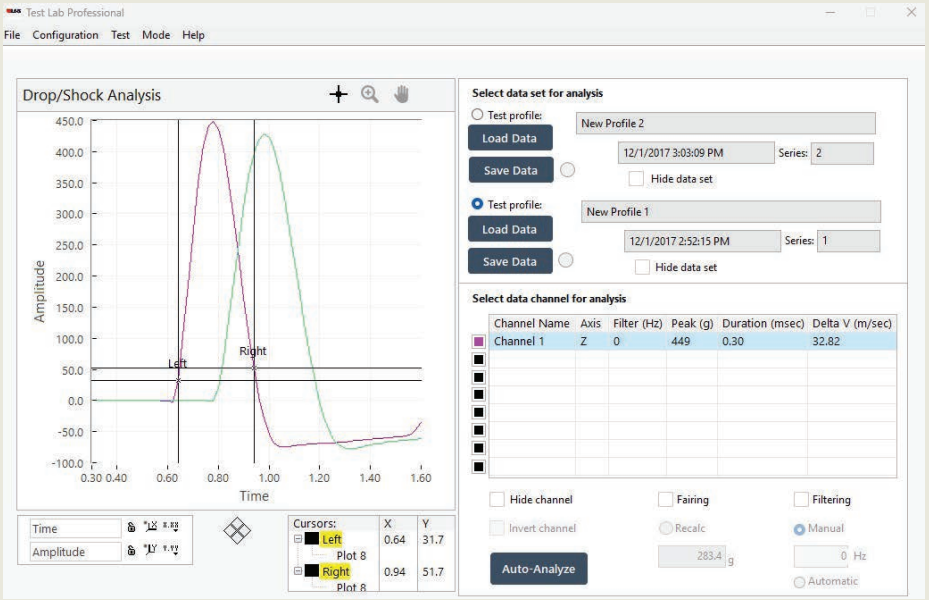
- Extended drop height
- Enlarged base plate for larger packages
- Extended support tines for wider packages



Extended Support Tines



Expanded Base Plate for larger test items





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TestLab Professional™ Drop/Shock Data Acquisition System

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