



OUR EQUIPMENT. YOUR SUCCESS.

# TrueDrop™ 500

## 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.

### 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" - 30" (51- 762 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



**DROP**  
with **CONFIDENCE**



<b>Payload Capacity</b>	500 lb (227 kg)/TrueDrop™ 750+ (350 kg)
<b>Drop Height*</b>	2-30 in (51-762 mm),*higher drop heights available
<b>Maximum Package Size</b>	Dependent on impact surface and drop tines
<b>Impact Zone**</b>	48x30 in (1219x762 mm) - WxD, **expandable as required
<b>Utility Requirement (Electrical)</b>	220-240 VAC/3 Ph/50-60Hz/15 amp or 380-460 VAC/3Ph/50-60Hz/10 amp
<b>Machine Weight</b>	2,000 lb (970 kg)
<b>Machine Dimensions***</b>	78x48x44 in (2.1x2.1x1.1 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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A Spectral Dynamics Company



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Rev A

DROP TESTING

## TrueDrop™ 500 OPTIONS

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



**Intuitive and Operator Safe  
multi-position control station**



**Extended Support Tines**



**Expanded Base Plate  
for larger test items**

