

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.



## EIGENSCHAFTEN

- Features
- 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
- 12" – 72" (300 – 1829 mm) adjustable drop height
- Hand Held Operator Control with LCD Display
- Package Holding Fixture holds package in correct orientation prior to drop
- Test sequence counter tracks the number of drops performed
- System counter tracks overall drops
- Design allows for Versatile package height and width

## TECHNISCHE DATEN

<b>Power connection</b>	100 V / 50 Hz, 230 V / 50 Hz
<b>Compressed air connection</b>	ja
<b>PC connection</b>	No PC connection
<b>Width / Diameter</b>	175 cm
<b>Depth</b>	92 cm
<b>Height</b>	262 cm
<b>Weight (net)</b>	590 kg

## NORMEN

ASTM D5276  
ISTA 2A  
ISTA 3A  
ISTA 6 - AMAZON  
MIL-STD-810G  
ISO 2248



# TrueDrop™ 160

OUR EQUIPMENT. YOUR SUCCESS.

## 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

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CE Compliant

# DROP with CONFIDENCE



<b>Payload Capacity</b>	160 lb (73 kg)
<b>Drop Height</b>	12-72 in (305-1829mm)
<b>Maximum Package Depth</b>	32 in (813mm)
<b>Impact Zone</b>	36x32 in (914x813mm) - WxD
<b>Utility Requirement (Electrical)</b>	100-220VAC / 1Ph / 50-60Hz / 7Amp
<b>Utility Requirement (Air)</b>	90 PSI (620 kPa) / 2 cfm (60 lpm)
<b>Machine Weight</b>	1300 lb (590 kg)
<b>Machine Dimensions</b>	103x36x69 in (2616x914x1753mm) - HxWxD

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



OUR EQUIPMENT. YOUR SUCCESS.

A Spectral Dynamics Company



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# DROP TESTING



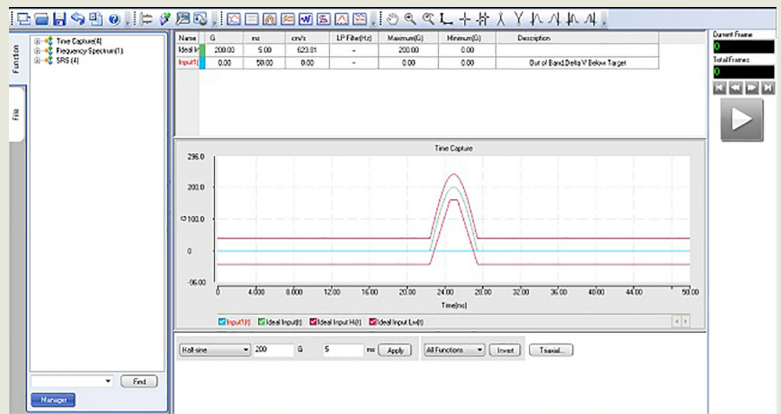
## Hand Controller and Operator Indicator Panel

- Exclusive Hand-Held Operator Control with LCD digital readout:
  - SI or English Units
  - Auto Drop Height
  - Audio Alarm upon Release
  - 2 Button Safety Release
  - Auto-home

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