

## ACCUDROP™ 160 LB. CAPACITY DROP TESTER

Precision drop testing at an affordable price. We call it the ACCUDROP™ 160A 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

Model AD-160A is one of three models in the ACCUDROP™ 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.

## MODEL AD-160A ACCUDROP™ FEATURES

### ACME Screw Drive System with Single Drop Arm Action

- 160 lbs (73 kg) maximum payload capacity
- 32" (813 mm) maximum package exterior dimension
- 30" W x 32" D (762x 813mm) steel impact surface
- 15" - 72" (381- 1829 mm) adjustable drop height (extended heights available)
- Sonar alert during drop arm release sequence
- Packaging Holding Fixture holds package in correct orientation prior to drop
- Exclusive Hand-Held Operator Control with LCD digital readout:
  - Selectable display units of inches or millimeters
  - Two button drop release sequence to ensure safe operation
  - Auto positioning function with memory
  - Drop positioning control
- Analog counter tracks the number of drops performed
- Versatile package height and width

DROP  
With  
CONFIDENCE



ACCUDROP 160A AD-160A

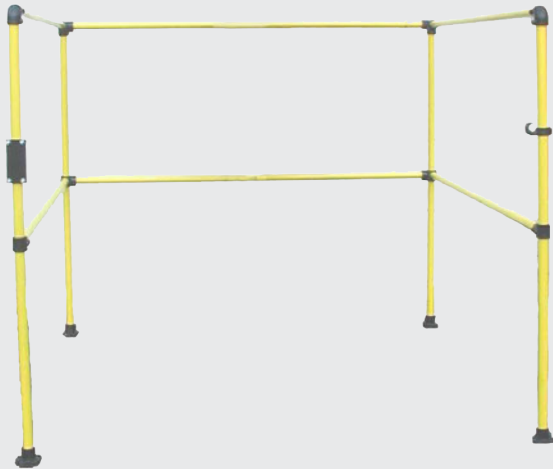
Package Support Arm



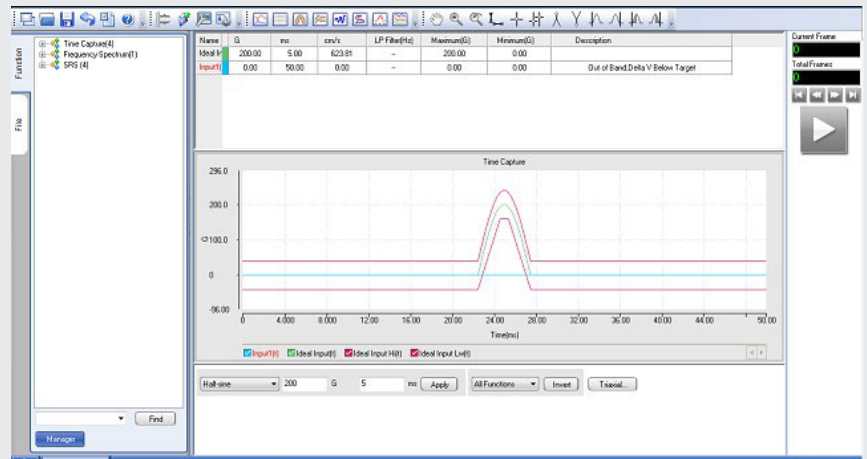
## AD-160A ACCUDROP™ OPTIONS

- Extended drop height
- Enlarged base plate for larger packages
- Wooden base plate for MIL STD 810 testing
- International power source/CE Compliance
- Safety Fence
- Shorter drop arm for 12" drop

SAFETY FENCE



DAS-105 DATA ACQUISITION SYSTEM:  
DROP & SHOCK



## STANDARD SPECIFICATIONS

AD-160A



<b>Payload Capacity</b>	160 lbs / 73 kg
<b>* Drop Height</b>	15-72 in / 381-1829 mm
<b>Package Size</b>	32 in / 813 mm (D)
<b>* Impact Zone</b>	30x32 in / 762x813 mm (WxD)
<b>* Utility Requirement</b>	120V/1PH/60Hz 90 PSI / 7kg/cm <sup>2</sup> , 10 Amp
<b>Machine Weight</b>	1,000 lbs / 454 kg
<b>Machine Dimensions</b>	102x30x52 in/2.6x0.8x1.3 m (HxWxD)

\* Please consult L.A.B. Equipment, Inc., for non-standard specifications

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

