



MAXDROP™ SERIES

MAXDROP™ DROP TESTERS

Extra large free-fall drop testing is now available; introducing the MAXDROP™ SERIES.

Designed to provide repeatable drop testing on the largest test products and packages ever.

TEST WITH CONFIDENCE

The MAXDROP™ SERIES is designed with rigorous testing demands with the customers in mind, plus the convenience offered by a drop tester.

Complies with ISTA, ASTM, ISO, MIL STD, and other internationally recognized test standards.

MAXDROP™ FEATURES

**Lead Screw Drive System with Enclosed
Four-Tine Vertical Carriage Assembly**

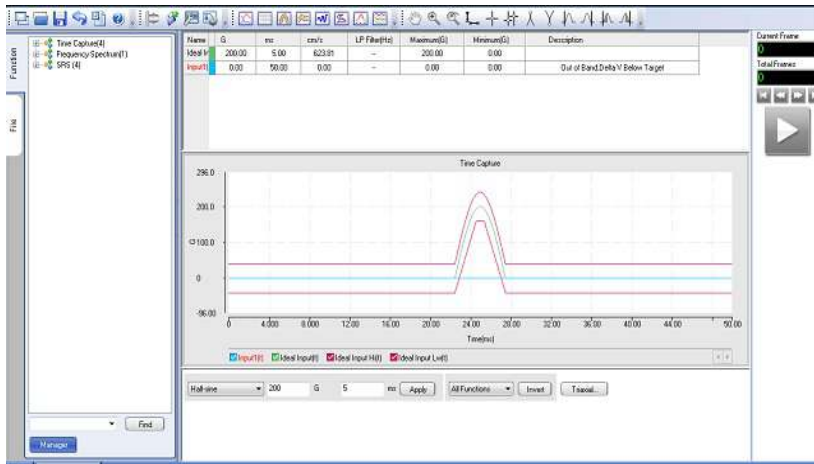
- Two models to choose from (300kg or 600kg)
- Flatness of drop is maintained with high precision enclosed four-tine support carriage
- Repeatability and reproducibility minimize test variability
- Accelerated drop thrusts carriage ahead of payload
- Separate control enclosure can be positioned by user for convenience
- Rapid drive system for high test output
- New Digital Position with readout
- Easy operation and maintenance
- Flat, edge, and corner drops
- Emergency stop for quick shut down
- Package holding fixture holds package in correct orientation prior to drop

DROP
With
CONFIDENCE



10 - 11 Colrado Court
Hallam, Victoria 3803
Australia
Ph: +61 3 9708 6885
Fax: +61 3 9708 6770
Email: idm@idminstruments.com.au
Web: www.idminstruments.com.au

DAS-105 DATA ACQUISITION SYSTEM: DROP & SHOCK



MAXDROP™ OPTIONS

- Extended drop height
- Enlarged base plate for larger packages
- Extended support tines for wider packages
- International power requirements
- Wooden base plate for MIL STD 810 testing
- CE Compliance
- Additional safety interlock
- Available in any international power configuration

MAXDROP™ MODELS

Control Panel



300kg



600kg



| | | |
|-------------------------------|---|--|
| Payload Capacity | 661 lbs / 300 kg | 1323 lbs / 600 kg |
| * Drop Height | 2-60 in / 51-1524 mm | 2-35 in / 51-889 mm |
| Support Arm Size | 39 x 47 in / 991 x 1194 mm (WxD) | 59 x 59 in / 1499 x 1499 mm (WxD) |
| * Impact Zone | 39 x 47 in / 1000 x 1194 mm (WxD) | 59 x 59 in / 1499 x 1499 mm (WxD) |
| * Utility Requirement | 220V/1 or 3PH/60Hz, 10 or 15Amp | 220V/1 or 3PH/60Hz, 10 or 15Amp |
| Approximate Weight | 5,000 lbs / 2268 kg | 12,000 lbs / 5443kg |
| Approximate Dimensions | 70 x 48 x 100 in / 1778 x 1219 x 2540mm (HxWxD) | 85 x 64 x 74 in / 2159 x 1626 x 1880mm (HxWxD) |

*Please consult us for non-standard specifications.

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