

EXTRA LARGE DROP TESTING

Introducing the MAXDROP™. Extra large free-fall drop testing is now available. Designed to provide repeatable drop testing on the largest test products and packages ever. You won't have to settle for hooks and chains any longer!

DROP WITH CONFIDENCE

The MAXDROP™ series was designed with international test procedures in mind, plus the convenience you've come to expect in a drop tester. Here's why you can drop with confidence:

- Flatness of drop maintained throughout entire support carriage
- Repeatable and reproducible minimizes test variability
- Fast drive system for high test output

MAXDROP™ FEATURES

- Two models to choose from (300kg or 600kg)
- Massive four-tine support carriage
- Lead Screw Drive System
- Accelerated drop thrusts carriage ahead of payload
- Remote control panel can be positioned by user for convenience
- Easy operation and maintenance
- Flat, edge and corner drops
- Available in any international power configuration
- Emergency stop for quick shut down

MAXDROP™ OPTIONS

- Enlarged impact area
- CE compliance
- Additional power configurations
- Safety fences
- Test Lab Professional DAQ

DROP With
CONFIDENCE

MAXDROP™ Operation

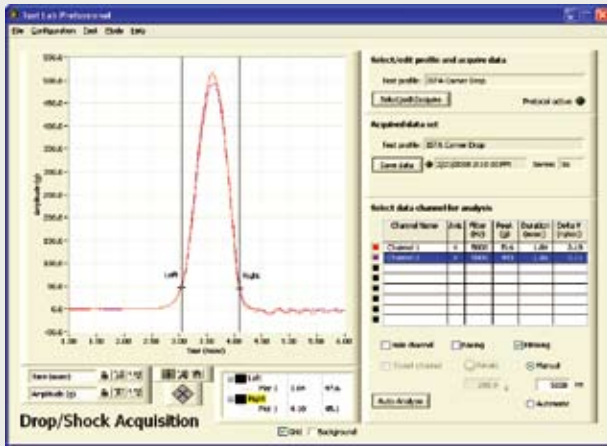
MAXDROP™ operation is easy! Simply lower the support carriage to the rest position (lowest position). Load your product onto the support carriage. Next, position the drop release mechanism to the desired drop height and raise the support carriage until the carriage stops (this will occur automatically as it touches the release mechanism). Now your ready to perform your drop test. On the control panel, press both drop buttons simultaneously and the support carriage will thrust downward ahead of the product ensuring an unobstructed drop.



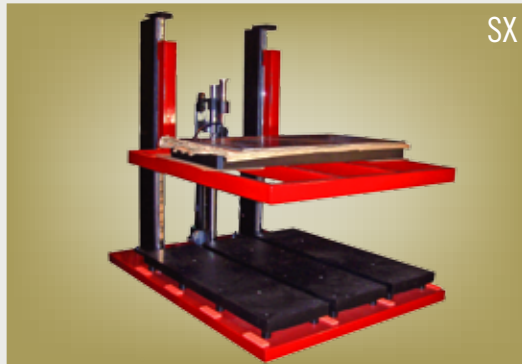
DATA ACQUISITION OPTION:

TEST LAB PROFESSIONAL (TLP) DATA ACQUISITION SYSTEM: DROP & SHOCK NEW - USB HARDWARE CONFIGURATION AVAILABLE

- Complete Windows-based software
- Drop & shock test acquisition and analysis
- 4-ch (USB Drive) data capture capabilities
- Peak G, duration, and change-in-velocity analysis
- Max. rate 250K samples/sec (1 ch.); min. rate 3K S/sec (8 ch.)
- Resolves 0.1msec HS pulse on 5 channels simultaneously
- 16 bit A/D Resolution; 0.0015% of full scale input
- Adjustable ±10v, ±5v, ±1V, ±0.2v input voltage
- Bi-polar, selectable per axis automatic triggering or manual triggering
- Data capture window with automatic or user-specified duration
- Automatic, user-specified or no low-pass data filtering



MAXDROP™ SERIES MODEL COMPARISON



SX



SE

FEATURES	METRIC	ENGLISH	METRIC	ENGLISH
Payload Weight	600 kg	1,323 lbs	300 kg	661 lbs
Payload Drop Height	51 - 889 mm	2 - 35 inches	51 - 1,499 mm	2 - 59 inches
Support Arm Area	1,499 - 1,499 mm	59 x 59 inches	991 x 1,194 mm	39 x 47 inches
Std Impact Area	1,499 x 1,499 mm	59 x 59 inches	991 x 1,194 mm	39 x 47 inches
Base Plate	1,499 x 2,057 mm	59 x 81 inches	991 x 1,753 mm	39 x 69 inches
Drop Type	Free Fall			
Lift System	Lead Screw			
Control Interface	User Positioned Panel on Stand			
Power	220V , 50 or 60Hz, Single or Three Phase, 15A or 10A			
OVERALL DIMENSIONS				
Height at Rest	965 mm	38 inches	1,270 mm	50 inches
Width by Depth	1,625 x 2,108 mm	64 x 83 inches	1,067 x 1,854 mm	42 x 73 inches
Weight	2,595 kg	5,720 lbs	2,096 kg	4,620 lbs