

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 test throughput
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DROPMAX™ FEATURES

- Two models to choose from (300kg or 600kg)
- Massive four-tine support carriage
- Hydraulic lift 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

DROPMAX™ OPERATION

MAXDROP operation is easy! Simply position the support carriage to the drop height, lower the accelerator cylinder on top of carriage (this pushes the carriage downward ahead of test item), lower the support carriage and load your test item, then raise back to the drop height position.



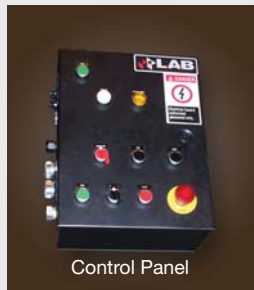
MAXDROP™ OPTIONS

- Enlarged impact area
- CE compliance
- Additional power configurations
- Safety fences

additional option > TEST LAB PROFESSIONAL™

- Professional grade data acquisition and analysis system
- Up to 8 channels
- Automatic sampling rate
- Minimum pulse duration capture is 0.1 ms
- Automatic or manual triggering
- Low pass data filtering
- 16 bit A/D
- Multi-tool data manipulation

MAXDROP™ SERIES MODEL COMPARISON



FEATURES	METRIC	ENGLISH	METRIC	ENGLISH
Payload Weight	600 kg	1,323 lb	300 kg	661 lbs
Payload Drop Height	50 - 900 mm	2 - 35 inches	50 - 1,500 mm	2 - 59 inches
Support Arm Area	1,500 x 1,500 mm	59 x 59 inches	1,000 x 1,200 mm	39 x 47 inches
Std Impact Area	1,500 x 1,500 mm	59 x 59 inches	1,000 x 1,200 mm	39 x 47 inches
Base Plate	1,500 x 2,050 mm	59 x 81 inches	1,000 x 1,750 mm	39 x 69 inches
Drop Type	Free Fall			
Lift System	Hydraulic			
Control Interface	User Positioned Panel on Stand			
Power	220V, 50 or 60Hz, Single or Three Phase, 15A or 10A			
Compressed Air	1-690 kPa (1-100 psi)			
OVERALL DIMENSIONS				
Height at rest	1,100 mm	38 inches	1,600 mm	50 inches
Width by Depth	1,575 x 2,150 mm	64 x 83 inches	1,575 x 2,150 mm	42 x 73 inches
Weight	2600 kg	5720 lb	2100 kg	4620 lb