

Precision Drop Testers

Model: P0003 & P0007

a measurable difference...

IDM[®]

instruments

This tall instrument performs a vertical impact test on a complete, filled transport package by dropping. The test may be performed either as a single test to investigate the vertical impact or as a part of a sequence of tests designed to measure the ability of a package to withstand a distribution system that includes a vertical impact hazard. The unit has an open construction arrangement, which does not restrict the test sample geometry. The Drop Tester lifts the package in such a way so as not to cause damage to the operator or package.

Applications:

- Card board boxes
- Pails
- Bags
- Containers
- Crates

Standards:

- AS 2582.4
- ISO 2248 Method A
- ASTM D5276
- ISTA

Features:

- Adjustable minimum and maximum height for loading & dropping, via a chain hoist for positioning
- Large Steel base for test surface and mounting: 1m x 1.5m x 25mm
- A hand-held control and foot switch are provided
- Precise drop orientations
- Package width and height dimensions are not restricted
- Lifting apparatus: Electric Chain Hoist
- Drop Forks: 300mm D x 278mm W (For packages up to 550mm D. Anything above this would require a Top Support Fixture)

Specifications:

Model:	P0007	P0003
Max Drop Height:	2.5m	2.5m
Lifting Capacity:	75kg	150kg
Connections:	Air Supply 80psi Electrical 415 VAC @ 50/60Hz, 3 Phase	
Dimensions:	H: 3450 x W: 1000 x D: 1500mm	
Weight:	540kg	580kg
Options:	<ul style="list-style-type: none">• Corner Drop• Set of jigs (10 degree base & lid drop) for Pails• Custom made base plate• Extended arm to support large packages• Different fork lengths• Top Support Fixture	
Working Environment:	Operating Temperature -10°C to 55°C (no condensation or icing) Operating Humidity 25% to 65% Storage Temperature -25°C to 65°C (no condensation or icing)	

