

a measurable difference...



Precision Drop Testers

Model: P0003 and P0007

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 Precision Drop Tester 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.

Application:

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

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)

Standards:

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

Connections:

- **Air Supply:** 80 psi
- **Electrical:** 415 VAC @ 50/60 HZ, 3 Phase



Options:

- | | | |
|---------------------|-------|-------|
| • Available Models: | P0007 | P0003 |
| • Max Drop Height: | 2.5m | 2.5m |
| • Lifting Capacity: | 75kg | 150kg |
- 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

Dimensions:

- **H:** 3,000mm
- **W:** 1,000mm
- **D:** 1,500mm
- **Weight:** 350kg

10-11 Colrado Court, Hallam, Victoria 3803 Australia.

Phone: +61 3 9708 6885

Fax: +61 3 9708 6770

Website: www.idminstruments.com.au

Email: idm@idminstruments.com.au

All sizes and dimensions shown on this data sheet are averages only and images are as accurate as the medium allows. Products and details shown may change without notice as IDM Instruments Pty Ltd[®] reserves the right to make alterations to its product range from time to time.

Copyright © 2006 IDM Instruments Pty Ltd[®]. All Rights Reserved.