

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

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