

# Precision Drop Testers

Model: P0003 & P0007

*a measurable difference...*

# IDM<sup>®</sup>

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 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.

## Applications:

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

## 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)

## Benefits:

- Easy to use
- Fast results
- Accurate

## 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