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:**
- Cardboard 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

**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

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

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