Drop Tester (Electrical Model)
Model: DTE

The drop test is performed to determine the ability of fibre board containers to withstand vertical impact in free drop. The test may be performed as a single test or multiple test to determine and analyses the conditions that occur on a package during handling and transit. It serves as a effective equipment for package design and performance analysis before production and use.

Reason for testing:
It is because that the effect of shock in transit having on products is to such an extent that they deteriorate progressively and it often leads products unusable. Needless to say, ordinary products are mostly put in far severer conditions in the distribution routes then in their working conditions.

Applications:
- Corrugated Boxes
- Containers
- Paper Bags and sacks
- Crates

Standards:
- TAPPI T 802 OS 75
- ASTM D 5276
- ISO 2248 Method A
- AS 2582.4
- IS 7028 (Part VI)

Specifications:
- Minimum drop height : 450 mm
- Maximum drop height : 1900 mm
- Max sample weight : 50 kgs
- Air supply : 6 to 8 kg/cm2
- Power : 220 VAC, 50Hz Single Phase

Features:
- Best for product testing for vertical impact test on a completely filled transport package by dropping.
- Open design to facilitate variable size samples.
- Adjustable minimum & maximum height of dropping by a switch.
- Motor operated lead screw mechanism facilitates easy platen movement operation.
- Drop of box either in flat position or at corners.

Dimensions:
- Depth: 1350 mm
- Height: 2900 m
- Width: 1000 mm

Weight:
- Net Weight: 350 kgs
- Gross Weight: 475 kgs

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