

Package Drop Tester

Model : HT-PDT

HT-PDT is Package Drop Tester incorporates extensive range of features making it ideal for performing Drop Tests on various types of Packs at affordable price.

The Instrument is having very high precision & heavy duty mechanics. It is a very convenient Operator friendly instrument.

Application

To perform Drop Test on various Packs.

Types of testers:

There are 3-4 varieties depending upon the size of packages and its gross weight. Generally bottom flap opening type, hybrid and side drop arm type are more prevalent in the industry.

Bottom flap opening type:

This is a German design having possibility of simulating multi-faceted drops on Face, Side, Corner or Edge of cartons. Mechanical / Motorised Lifting makes it possible to lift package with less effort to a desired height safely and then test can be conducted from a distance by operation of a handle. General Capacity : upto 75 Kg packages.

Side arm type:

This is the lowest specification equipment. It is used only where packages and its gross are Low in wt. And can be lifted manually to be Placed on the platform. Only flat drop on any side or face is feasible. General Capacity : 20 - 25 kg packages.

Hybrid type:

This is a mix of the Bottom Flap and the Side Arm design. It offers the flexibility / accuracy of a Bottom Flap design and the convenience of a Side Arm design. Packages (upto 25 Kg) have to be lifted manually and kept in the Drop Tester's cradle and then the Flaps at the bottom are released for a free fall in various corner /edge / face combinations. General Capacity : 20 - 25 kg packages.

Other Types:

For conducting test for palletized packages and for heavier packages, Fork Lift design and Sling type drop testers are more suitable. We can Design, Develop and Manufacture most appropriate equipment / model especially suited to your unique needs.

