



TESTRONIX®
INSTRUMENTS

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Drop Tester Pneumatic

The Testronix Drop Tester pneumatic model is a highly accurate instrument to conduct the drop test for corrugated boxes, plastics, Bottles, Automotive components and buckets. This instrument functions with the help of a compressed airline. The hydraulic operation makes this a user friendly instrument. The flap movement is fully automatic. These flaps are adjustable and moveable as per the requirement of the user. The pneumatic drop tester also has auto locking facility at the time of opening and closing of flaps. The drop tester can successfully conduct face drop edge drop and corner drop of corrugated boxes with the help of the adjustable rotating arm.

The drop tester helps in ascertaining the Drop Strength of corrugated boxes while warehousing & transportation.

The Drop Tester adheres to various industry standards like **ASTM D5276**. The instrument can also be customized as per ISTA Standards **1A and 3A on request**.





Features

- Provision to lift up test platform by guide mechanism
- With pneumatic opening feature
- Hydraulic operation for opening and closing of flaps
- Motorized movement of flaps for ease in operation
- Adjustable drop height
- Straight and Angular Drop tests can be performed on a single Instrument
- Strong Base Plate with durable structure.
- Lead screw model which load extension capacity
- Noise free operation with less maintenance
- Customizable flaps and platform size
- Easy Edge drop and corner drop test
- Rotating arm to adjust corrugated boxes on the platform

Specifications

Testing height	Drop Height Min. 750mm, Max 1800mm
Max. dimension of Box that can be tested	Standard L 465mmx W445mm x H 500 mm
Max weight of Box to be tested	Upto 60 Kg
Flap Movement	Motorized automatic through remote
Height Measuring Scale least count	1mm
Rotating Arm	Yes, for edge drop & face drop
Base dimension (Floor Space)	950 x 600 mm
Top Edge holding device	Adjustable according to sample
Material	Mild Steel
Dropping platform type	Twin flaps
Opening Actuation	Pneumatic
Finish	Mild steel
Dropping Platform lift mechanism	Motorized

