



## DROP TESTER MOTORIZED PNEUMATIC



### Model PDT – 0135 (500 mm)

Drop Tester is motorized single wing structure, suitable for package dropping impact endurance test, such as carton and electric equipment. By testing with falling down with this drop testing machine .we can be sure about the goods safety when being delivered. It helps determine the ruggedness of packages and the effectiveness of their interior cushioning when exposed to impact during material handling. The effects of dropping are easily duplicated in a laboratory setting using controlled and precise flat, corner, and edge drop tests.

Adhere to IS:7028 Pt IV

- Provision to lift up test platform by guide motorized mechanism
- Drop Height adjustable clamp
- Straight and Angular Drop tests can be performed on a single Instrument
- Strong Base Plate with Rugged structure.
- Electric hoist for positioning drop assembly and lifting heavy packages.
- Dropping operate through pneumatic system
- Provided with Digital readout (DRO)



### Key Specifications:

Testing height	Drop Height Min. 380mm, Max 1800mm
Platform size	500 mm x 500 mm (Optional dropping platform sizes also available on request)
Max size of box that can be tested	180 mm x 180 mm x 180 mm
Max weight of Box to be tested	Up to 60 Kg
Opening Actuation	Pneumatic cylinder (Operation through remote switch)
Top Edge Holding Device	Included
Height Measuring Scale least count	1 mm (Measuring Digital scale)
Base dimension (Floor Space)	Approx. 1200 x 900 mm
Motorized Lift speed	100 mm/min $\pm$ 5 %
Electric power	220V AC, 5 Amp., Single phase, 50 Hz.
*Compressed air required	Filtered, Regulated 5 bar, 5 cfm of Air Flow

\*Air Compressor not a part of supply

### Highlights:

Top Edge holding device	Adjustable according to sample
Finish	Powder coated Havel Grey & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Digital read out (DRO)	LED display
Material	Mild Steel
Dropping platform type	Twin flaps
Remote switch and Foot switch	Yes Included

### Optional:

- Various platform sizes also available as per requirement.
- Wooden/concrete base plate

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### OUR OTHER PRODUCTS :-

Box Compression Tester Digital cum Computerised	Scuff Resistance Tester	Tensile Tester Digital	Spectrocolorimeter	Cobb Sizing Tester	Digital GSM Balance

