

Package Drop Tester Model: DT150



Labtone Test Equipment Co., Ltd.
Undertaker: Jessica Wang
Mobile: +86 188 1909 7469
www.labvibrationtest.com
E-mail: lab01@labtone.cn

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Vibration Tester-large



Vibration Test System-



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Combined Environmental



Release hook KDT2000



Zero drop test system



Drop Tester DT150

Project proposal prepared for your company is as follows:

I. Product Application

DT series package drop testers are mainly used for assessing the degree of influence of drop impact on the packages in the process of actual transport and handling, and assessing impact strength of packages in the process of handling and rationality of package design.

Meet the requirements of ISTA, FedEx, GB/T4857.5, ISO2248-72E, JISZ0202-87, IEC68-2-27 and other standards.

II. Technical Specifications

Drop height range: 300 - 1500mm

Max. Load: 85Kg

Height display: standard scale

Machine type: test pieces supported by single bracket arm; pneumatic free drop

Control means: handle control

Drop mode: free drop

Height adjustment means: motor control and adjustment by precision screw

Dimension of specimen: 800 × 800 × 800 mm

Cushioning mechanism: hydraulic cushioning

Dimension of Machine : 1500 × 1000 × 2150(H) mm

Base plate dimensions : 1500 × 1000 × 20(H) mm

Power supply: AC 220V 50Hz

Air pressure requirement: 0.5~0.7Mpa

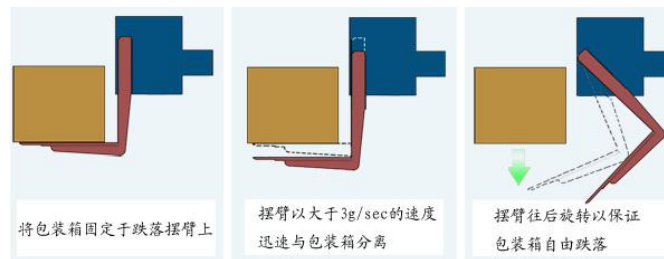
Equipment weight: about 480kg

III. Equipment Components

No.	Equipment name	Model	Qty.	Description
1	Machine	DT150	1 set	
2	Control handle		1 set	
3	Auxiliary edge and angle clamps		1 set	
4	Connecting cable/duct hose		1 set	

IV. Equipment Features

- 1 The dual shaft and guide post structure is supported stably in the ascending and dropping process, without swing.
- 2 The ascending and dropping of the equipment are controlled by a precision screw to realize accurate and rapid positioning.
- 3 In the process of dropping, the swing arm is broken away from the test piece specimen downwards at the acceleration not less than 3g/sec.



- 4 In case of abnormal power failure during test, the drop tester table does not slide automatically and the swing arm can automatically recognize non-air pressure state and is not broken away abnormally.
- 5 The hydraulic cushioning device is used for the drop tester table and can absorb 90% of kinetic energy to stabilize the drop tester table and reduce noise.

V. Equipment Picture

