

Summary:

Carton drop shock test machine used to test the damage and impact of packaged products by the free fall, including packing containers Ling, angle, surface can be tested, it mainly used to assess withstand drops of product packaging parts in the transport and loading, thereby improving and perfecting package design.

Drop test for packaged products in simulating different edges, corners, surface at different heights and fall to the ground situation, then assess the damage to the product and its components. It can withstand the fall height and impact-resistant strength. Product thereby can be improved according to the actual situation and the scope of national standards, to tell us to improve the packaging design.



Applicable:

The machine is widely used to test a variety of products packaged in the handling or transportation to test the caused damage inside the product, and for the prevention of pesticide in advance, can use the machine to be tested is expected to arrive the best solution, so as to minimize transit losses, and to assess the impact of electronic components dropping resistance by the strength in the handling; packaging containers Ling, angle, surface reliability of the equipment.

Standards:

ASTM D5276, ISO 2248, JIS Z0202-87, GB/T4857.5-92

Features:

- Unique swing arm mechanism design, swing arm break away from acceleration more than 3 G/SEC.
- With double column guide and hydraulic buffer absorb residual swing arm force, movements smooth, reliable, low noise.
- Damping screw lifting mechanism, preventing drop institution unexpectedly glide.
- Pneumatic automatic chain, preventing swing arm unusual break away.
- Extensible support bracket and baseboard.
- Solid steel plate type.

Specifications

Display Method	Digital height indicator (optional)
Drop Height	300~1800 mm
Drop Panel Area (W×L)	1700×1200×20 mm
Specimen Max. Size (L×W×H)	1000×800×1000 mm
Arm Size	290×240×8 mm
Drop Error	± 10
Drop Flat Error	< 1°
Specimen Max. Weight	80 Kg
Outside Dimension (L×W×H)	1700×1400×2515 mm
Weight	400 Kg
Power	AC380V/ 50Hz
Transmit Approach	Electric Transmission