

QC-113A Pneumatic Type Drop Tester

Standard

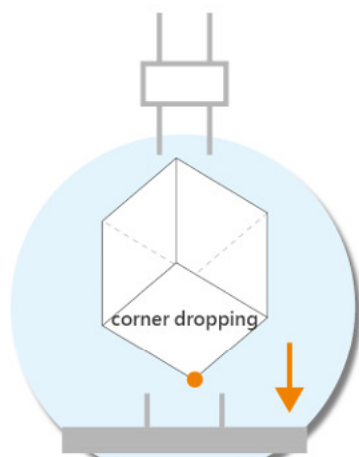
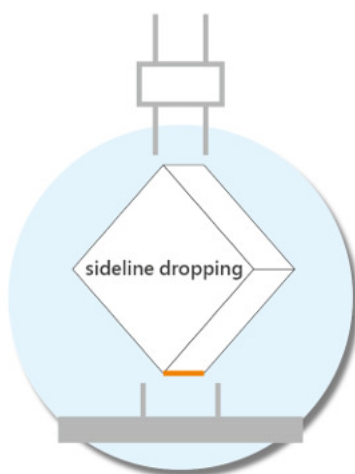
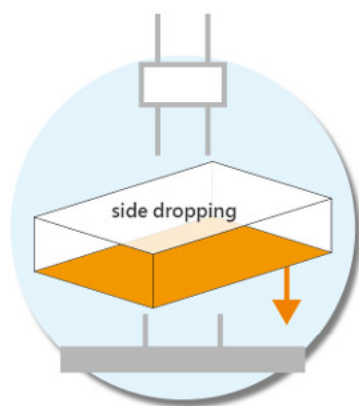
ASTM D5276, GB/T 4857.5, CNS-2999, ISTA 1A

Industry

Package, Electronics, Electrical appliance

Introduction

This machine is for simulating the drop situation during the deliver. Able to test the drop impact of its side, corner and sideline. It is suitable for the packed products to check the cover, antivibration and the inside product's state after dropping. Based on the result, user can identify the safety design and the impact resistance of the package. User can focus on the repeating dropping test for the main products to simulate the surface situation after impacting the hard thing and know the product's strength for safety evaluation.



Feature



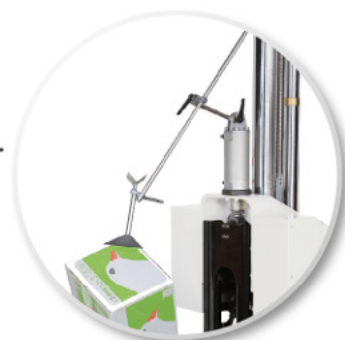
High accuracy ball screw

Equipped with high accuracy ball screw to reduce the noise and improve the products' life-cycle.

Use the brake to control and adjust the height accurately, the max. speed can reach 2000mm/min.

U-joint fixing fixture

Equipped with adjustable arm for fixing different size cargo. The fixture can be used for the box corner and sideline and able to test free dropping test for different box side, corner and sideline.



Casting Body

The main structure of the machine is formed by cast to improve the rigidity and stability and increase the vibration absorption capability of the mechanism.

Test power

Use air compressor to control the frame for rapid and stable drop the plate and ensure the sample without reversion or excursion while free dropping.



Specification

| Model | QC-113A | | | |
|-----------------------------------|---|----------------------------|----------------------------|----------------------------|
| Testing Height | 300 ~ 1300 mm | | 300 ~ 1800 mm | |
| Moving Speed | 2000 mm/min | | | |
| Plate for Holding | 270 × 470 mm (W × D) | | | |
| Max. Load of Dropping Platform | 60 kg | | | |
| Max. Allowance of Testing Package | 800 × 800 × 800 mm | | | |
| Dropping Method | Electric button - pneumatic cylinder controls | | | |
| Power Supply | Single phase 220V 50/60HZ 8A | | | |
| Dimension (WxDxH) | 85×150×230 cm | | 85×150×280 cm | |
| Weight (without based) | 225 kg | | 250 kg | |
| Based Area | ■ 85x150 cm (Standard) | ■ 120x150 cm (Optional) | ■ 200x150 cm (Optional) | ■ 120x180 cm (Optional) |
| Based Weight | ■ 135kg | ■ 180kg | ■ 420kg | ■ 215kg |

*Cometech reserves ultimate modification right of product specification.



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