

## PT-8071 DROP TESTER

### Purpose:

Apply for test packing box, packing case, carton, paper barrel, collection bagging, and plastic container.

Major test of the product packaging damage after fall, and evaluation electronic components in the moving time of impact resistance by the fall, any containers of edges and corners, and the side can be test.

### Specification:

1. Falling altitude: 300 ~ 1800MM (single platform)
2. Maximum weight of test object: 100Kg
3. Maximum dimensions of test object: 800\*800\*1000mm
4. Dimensions of strike plate: 1700\*1200\*14MM
5. Electrical machinery power: 1.85kw
6. Dimensions: 1700 \* 1200 \* 2315mm
7. Error of falling:  $\pm 5$ mm
8. Error of falling flat:  $< 1^\circ$
9. Altitude display with of precision encoder sensor.
10. Auxiliary equipment: Angular ridge support pole.
11. Falling method: Magnetic moment free fall.
12. Power: AC 200~240V 50~60HZ 10A

Falling altitude can be freely controlled, for example, set 500mm, 500mm on the automatic stop, fall range: 300-1800mm arbitrarily set.

### Test methods

1. Surface of the test: Six sides of the carton as a test.
2. Ridge of the test: Three different cartons for a test of the ridge.
3. Edges and corners of the test: Carton for edges and corners of any one test.
4. Other type of bags, bagging or container test methods must also refer to the relevant vendor standard.



Structure:

1. Falling theory: The use of electromagnetic and moments away from the platform make test object into a free fall.
2. Altitude adjustment: The use of input mode and motor driven up or down of platform to adjust the test altitude.
3. With edges and corners, ridges ancillary support equipment to facilitate testing of the operation.

Install:

1. Use power: AC -220V, 50~60HZ, 10A
2. Place machine on the ground, it is necessary to leave the maximum space open two platform.
3. When testing personnel must away from around for the safety.
4. Before use with a level meter to adjust the base level.