

# Directional Drop Test Machine

**Model: SR-222**

## **Summary:**

Mobile Phone Directional Drop Testing Machine is designed to evaluate the impact of the product on the performance of the product after the product has been accidentally dropped. When applied to mobile phone, PDA, telephone, electronic dictionary, CD, MP3, adapter, battery and other small consumer electronics For the original posture and acceleration drop test.

## **Features :**

1. The machine adopts electric lift and pneumatic drop structure, the lift location is accurate and fast, the drop is real and effective;
2. Equipped with special pneumatic clamping fixture (adjustable stroke) , the front end of fixture is equipped with silicone rubber (to avoid cutting products or operators) or sucker fixture.
3. It can used for drop test of mobile phones of various testing items;
4. Drop height is driven by electric motor and adjusted by precise screw drive.
5. The operation is smooth and low noise. No hands are needed to move the drop height.

## **Application Standards:**

**IEC60068-2-32, GB/T 2423.8, YD/T1539-2006, JIS C 0044 ETC.**



## Features:

1. The machine uses the electric components for the test height adjustment, positioning fast, durable use;
2. The machine uses Japan SMC vacuum sucker adsorb products to achieve multiple-angle drop, for products: Ling, angle, surface test.
3. Product drop angle close to the test set the angle;
4. Drop test can automatically rise to set the height, easy to operate, improve test efficiency;
5. All pneumatic components are used in Japan SMC quality components, durable use;
6. A variety of drop board optional: steel, transparent acrylic board, wood), cement board, marble plate, for multi-country test requirements (standard products marble fall media)
7. Automatic counting (drop count) function;
8. Touch screen + high response PLC control, and all the electrical control parts choose high quality brand products, which has faster response speed and more stable operation. Acceleration, maximum landing speed, test time and other data can be measured.

## Specifications:

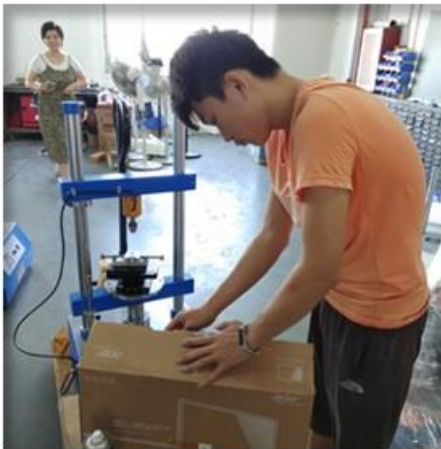
|                        |                                      |
|------------------------|--------------------------------------|
| Max. test height       | 300 ~ 1500mm, 1800mm (or customized) |
| Max. drop Weight       | 2kg                                  |
| Min. detachment height | 300mm                                |
| Counter                | 0 ~ 999999                           |
| Display                | Touch screen setting and display     |
| Air source             | $\geq 0.5\text{MPa}$                 |
| Sample fixing method   | Sucker or Clamper                    |
| Machine size           | W700xD1000xH2400mm                   |
| Power                  | AC220V 50Hz 3A or 110V 60Hz 6A       |



## Professional packing

**We have professional packaging teams and shipping forwarder to pack and deliver your products safely!**

- ❖ Out packing: Standard export wooden case.
- ❖ Inner packing: With careful stretch film wrap products, hard wood board + strong bandage to fix corners.
- ❖ Checking teams: Specialized staff to inspect and classified your goods.



**What we produce? (always accept customize)**

- |                              |                          |                                |
|------------------------------|--------------------------|--------------------------------|
| 1. Universal tensile testers | 2. Hardness testers      | 3. Environmental chambers      |
| 4. Mobile/Laptop testers     | 5. Paper&package testers | 6. Abrasion resistance testers |
| 7. Insertion force tester    | 8. Color testers         | 9. Rubber/plastic testers      |
| 10. Fabric testers           | 11. Wire testers         | 12. Other testers              |