

# Micro Drop Test Machine

**Model: SR-204**

## Summary:

Micro Drop Tester is suitable for mobile telephone, telephone receiver, handle intercom, mock phone, MP3, CD, electronic dictionary, all small electronic consumer products in fall testing repeat.



## Working Principles:

1. The setting number can be automatically stop surface materials of the drop: aluminum, thickness of 12 mm.
2. Prompt functions: can set the number fell to the setting value, can be automatically stop testing.
3. Adopts Japan SMC pneumatic rodless cylinders for mobile phone mention and drop drive motor, match with precision double acting cylinder for reparations action, durable using; Can realize products such as mobile phone repeatedly fall, to detect the product resistance to impact by a high of falling.
4. Due to the pneumatic components and autocratic control mode, greatly improve test speed and consistency.
5. The LCD touch control panel + PLC programmable controller for action program.
6. Independent count, it will be automatic stop testing when attain the setting number.

**Specifications :**

Item	<u>Micro Drop Testing</u>
Drop Surface Material	Steel Plate
Test station	2 pcs
Max. specimen weight	2kg (or specified)
Max. Drop height	150mm Adjustable (200, 300mm or customized)
Test speed	5~25times/min
Air supply	≥0.5Mpa
PLC controller	Touch screen setting and display
Clamping methods	Gas claw & Vacuum chuck (or specified)
Machine size	630*550*750mm
Power	110V 60Hz

**More Imagines:**



Single station :  
one absorb samples, one grip samples



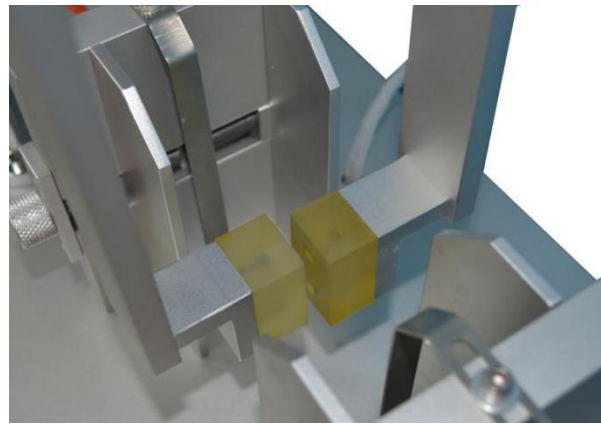
Double station :  
two absorb samples, two grip samples

## Major Dispositions:

1. Touch screen: 1pcs PLC:1 pcs
2. Up and down the cylinder: 1 set
3. Clamping cylinder promote: 2 pcs
4. Mechanical finger: 2 pcs



Absrob station



Grip station



More drop testers



Model : SR-217A  
Directional drop tester  
1.5m / 1.8m / 2.0m



Model : SR-217  
Free drop tester  
Max height : 1.5m / 2.0m



Model : SR-219  
Tumble drop tester  
Max height : 0.5m



Model : SR-219A  
Tumble drop tester  
Max height : 1m



Model : SR-220  
Tumble drop tester  
Max height : 0.5m+1m



Model : SR-220A  
Tumble drop tester  
Protect cover + 0.5m + 1m



## 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              |