

Friction Coefficient Tester

Model: SR-204B

Summary:

- ★ The friction coefficient tester is suitable for measuring the static friction coefficient and dynamic friction coefficient of plastic film and thin film, rubber, paper, cardboard, woven bag, fabric style, communication cable and cable metal composite belt, conveyor belt, wood, coating, brake pad, wiper, shoe material, tire and other materials sliding.
- ★ By measuring the smoothness of the material, the production quality and technological index of the material can be controlled and adjusted to meet the use requirements of the product. In addition, it can also be used to test the smoothness performance of cosmetics, eye drops and other daily chemical products.



Test standards:

- ※ GB 10006、Plastic films and determination methods
(GB/T 17200、GB/T22895)
- ※ ISO 8295 : Thin films and sheets. Determination of friction coefficient
- ※ ASTM D1894 : Standard Test Method for static and dynamic Friction coefficients
- ※ TAPPI T816

Apply industries:

- 1. The film is suitable for the static friction coefficient and dynamic friction coefficient test of plastic film and thin film
- 2. Paper is suitable for dynamic and static friction coefficient test of paper and cardboard
- 3. Textiles, non-woven fabrics and woven bags are suitable for testing the static friction coefficient and dynamic friction coefficient of textiles, non-woven fabrics and woven bags
- 4. Rubber is suitable for testing the static friction coefficient and dynamic friction coefficient of rubber
- 5. Aluminum foil, aluminum foil composite film, metal products are suitable for the static friction coefficient and dynamic friction coefficient test of aluminum foil, aluminum foil composite film, metal products
- 6. Printed matter is suitable for static friction coefficient and dynamic friction coefficient test of printed matter

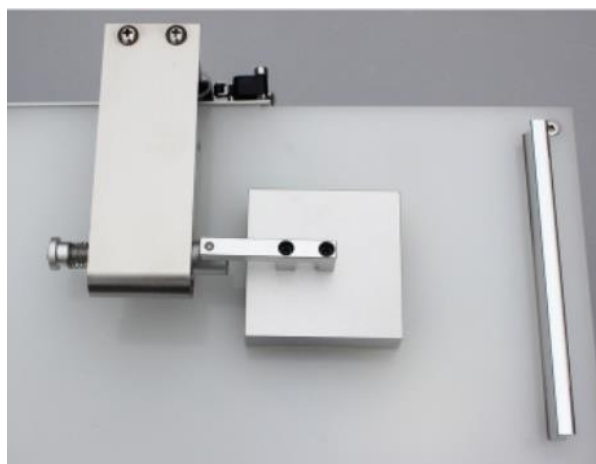
Features :

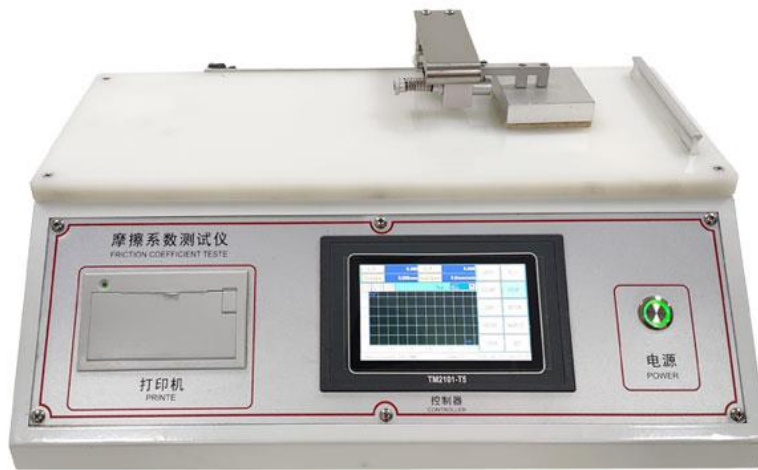
- ※ The equipment adopts PLC control, automation of the test process, with menu operation interface, PVC control panel and LCD screen, convenient for users to conduct test operation and data view.
- ※ The system accessories are all made by well-known manufacturers with stable and reliable performance and high-precision force sensors, reaching the highest test accuracy in China: 0.001N
- ※ No mechanical knob, full digital system, digital correction and zero setting.
- ※ The specially designed drive system runs smoothly and the test results are more accurate.
- ※ The system can simultaneously measure the static friction coefficient and dynamic friction coefficient of the sample.
- ※ Equipped with micro printer to automatically print test report of single or group samples.
- ※ Both the test table and test slider of the instrument have been degaussed and remanent detected, effectively reducing the system test error.
- ※ Group data, embedded data statistical analysis function.
- ※ The instrument interface is simple in design, simple in operation and convenient in use.

Specifications :

Test force range	0~2N
Test precision	0.001N
Slider moving stroke	0~70mm (or 150mm customized)
Slider weight	200±2g
Test speed	0~100mm/min
working table size	200x470mm
Sample thickness	≤ 2mm
Sample size	Sample above : 63*63mm Bottom sample : 80*200mm
Machine size	630*360*230mm
Machine weight	About 20KG
Power supply	220V 50HZ or customize
Display condition	Automatic friction is displayed automatically at the same time
Environmental requests	Temperature: 23 + 2 °C Humidity: 20% RH to 70% RH

More Imagines:





Other models can be chosen, we support customize more functions. Just provide what you need!



Model: SR-204A
Same function like SR-204
Just it has 3 stations



Model: SR-204C
Same function like SR-204
More suitable for circle abrasion



Model: SR-206
Same function like SR-204
more suitable for small products



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)

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| 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 |