



# Introduction

**Name: ZL-9026 Friction Testing Machine**



## **Application:**

Friction Testing Machine/Film Coefficient of Friction

Tester can measure the coefficient of static friction and dynamic friction when materials are sliding. It is applicable for the packaging trade, film plants, testing institutions and so on.

Characteristics:

1. Adopt

the advanced design technique labeled by piece wise linear with real-time display and real-time analyses.

2 Calibration methods: intelligent calibration, reducing the error.

3. Display: LCD showing working status and test results.

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4. Adopt one chip microcomputer system with high speed, high precision, and high integration to intelligently control each functional module.
  5. The core parts and the components are provided with imported or homemade superior products to guarantee precise, stable and long-term use.
  6. Propose the communication function of the RS232 computer, and supporting control software to account, analyze and deal with the test results.
  7. The specialized appearance design can easily mix with the office and test environment.
- Standards: ASTM D4918 ASTM D1894

#### **Specifications:**

1. Sample thickness:  $\leq 0.2\text{mm}$
2. Sliding piece size:  $63 \times 63\text{mm}$ )
3. Sliding piece mass:  $200 \times 2\text{g}$
4. Slider-speed:  $100 \pm 10\text{mm/min}$ ,  $125 \pm 10\text{mm/min}$ ,  $150 \pm 10\text{mm/min}$  third gear for section.
5. Working-table board size:  $200 \times 470\text{mm}$ )
6. Digital display: Display static friction and dynamic friction at the same time automatically.
7. Measuring precision:  $\pm 2\%$
8. Velocity of sliding-piece movement:  $100 \times 10\text{mm/min}$
9. Force measurement range: 0-5N
10. Power supply: 200V, 50Hz

Note: The computer can be an optional part.