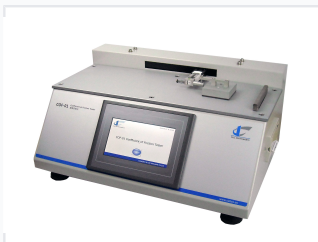


Coefficient of Friction Tester

The Coefficient of Friction Tester determines static and kinetic coefficients of friction. It is suitable for plastic films, sheets, rubber, paper, and paper board.



ADDITIONAL IMAGES



Overview

Precision Friction Testing

The Coefficient of Friction Tester is a specialized instrument designed for the accurate determination of both static and kinetic coefficients of friction. It is suitable for a wide range of materials including plastic films, sheets, rubber, paper, fabrics, and composite belts. By precisely measuring surface smoothness, this device helps optimize packaging line speeds and ensures consistent quality control across various industrial applications.

Technical Specifications

Load Cell Capacity

5 N

Capacity

Test Speeds

- 100 mm/min (ISO)
- 150 mm/min (ASTM)

Accuracy	0.5 F.S.
Maximum Stroke	150 mm
Sled Weight	200 g
Power Supply	AC 220V 50Hz
Dimensions	540mm(L) x 380mm(W) x 240mm(H)

Features

Key Features

- PLC control and touch screen operation
- Real-time display of test data, results, and curves
- Measures both static and kinetic friction
- Test results calculation, analysis, and curve superposition
- RS232 output with professional software
- Microprint function for test results

Compliance

Supported Standards

ASTM D1894, ISO 8295, TAPPI T816, GB 10006

Applications

Compatible Materials

Plastic Films • Rubber • Paper • Fabrics • Composite Belts • Wood • Coatings • Brake Pads • Tires