

Coefficient of Friction Tester

This coefficient of friction tester measures the smoothness properties of plastic materials and sheets, including OPP, PET, and CPP. By testing the friction coefficient, it judges the smoothness and uniformity of film to efficiently prevent problems.



ADDITIONAL IMAGES



Product Overview

Precision Friction Testing

The Coefficient of Friction Tester is a specialized instrument designed to measure the smoothness and slip properties of various materials, including plastic films like OPP, PET, NILON, CPP, and CPE. By accurately determining both dynamic and static friction coefficients, this device helps manufacturers ensure product uniformity and prevent quality defects in packaging and printing applications. It is an essential tool for quality control in film factories, paper mills, and packaging test institutions.

Standards & Compliance

Supported Standards

GB 10006-1988, ASTM D 1894-1990, TAPPI 816 wd-00, ISO 8295-1995

Technical Capabilities

Core Measurements

1 N/A

Dynamic Friction Coefficient

1 N/A

Static Friction Coefficient

Compatible Materials

- OPP Film
- PET Film
- NILON Film
- CPP Film
- CPE Film
- Plastic Sheets
- Paper

Measurement Technology

High-precision sensor signal amplification via ICL7650

Industry Applications

Primary Industries

Packaging • Film Manufacturing • Printing • Paper Production • Test Institutions