

# PARAM® COF-P01 INCLINED SURFACE COEFFICIENT OF FRICTION TESTER

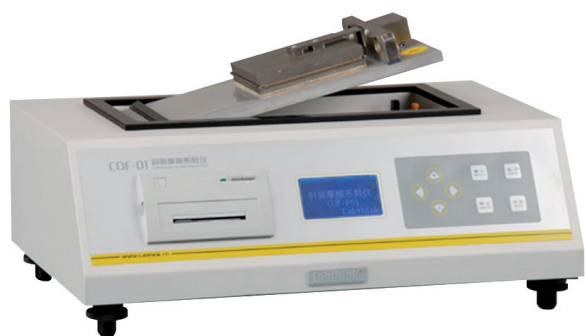
COF-P01 Inclined Surface Coefficient of Friction Tester is professional applicable to the determination of static coefficients of friction of paper, paper board, plastic films, sheets, convey belts and other materials. By testing the frictional properties of materials, the open performance of packages, packing speed of packers and other indexes could be controlled to meet requirements for production.

## Professional technology

- The instrument is professionally applicable to the determination of static coefficients of friction of specimens on the inclined surface
- The functions of freely changeable angular velocity and automatic plane reset support combinations of non-standard test conditions
- The sliding plane and the sled are treated by degaussing and remanence detection which effectively reduce the system errors
- The instrument is controlled by micro-computer with LCD, PVC operation panel and menu interface, which is convenient for customers to test or view the test data
- Equipped with micro-printer and RS232 port for convenient PC connection and data transfer
- Supports Lystem™ Lab Data Sharing System for uniform and systematic data management

## Test standards

This instrument conforms to the following standards: ASTM D202, ASTM D4918, TAPPI T815



The instrument is applicable to the determination of static coefficients of friction of:

Basic applications	
<b>Films</b>	Including plastic films and sheets, e.g. PE, PP, PET, single or multi-layer composite films and other packaging materials for food and drugs
<b>Paper and paperboard</b>	Including paper and paper board, e.g. various paper and composite printing products of paper, aluminum and plastic

Extended applications	
<b>Aluminum and Silicon Sheets</b>	Including aluminum sheets and silicon sheets
<b>Textiles, Nonwovens</b>	Including textiles and nonwovens, e.g. woven bags

TECHNICAL SPECIFICATIONS	
<b>Angle range</b>	0° ~ 85°
<b>Accuracy</b>	0,01°
<b>Angular Velocity</b>	0.1°/s~10.0°/s
<b>Specifications of Sled</b>	1300g (standard) 235g (optional) 200g (optional) Customization is available for other masses
<b>Ambient Conditions</b>	Temperature: 23±2°C Humidity:20%RH~70%RH
<b>Instrument Dimension</b>	440 mm (L) x 305 mm (W) x 200 mm (H)
<b>Power Supply</b>	AC 220V 50Hz
<b>Net Weight</b>	20 kg

CONFIGURATIONS	
<b>Standard configurations</b>	Mainframe, Micro Printer, and Sled of 1300g
<b>Optional Parts</b>	Professional Software, Communication Cable, Sled of 235g, Sled of 200g, and Customized Sled