



Application

The coefficient of friction (COF) tester is designed to measure the static and dynamic coefficient of friction of plastic film, sheeting and similar materials.

It could determine the property of slipping, ease of opening and uniformity of plastic film to guide production.

Standards

ASTM D1894, ISO 8295, TAPPI T816.

Features

Accurate and reliable data

- * high precision with Imported core components.
- * It is easy and convenient to calibrate the force value sensor with the special standard weight.

Simple operation

- * With LCD display, the static friction coefficient and dynamic friction coefficient are displayed in real time.
- * Can run independently without computer, data processing automatically.
- * Easy operation, with controlling software, can connect to computer to display curves and print out the test report.
- * Equipped with rigid sleeve, could switch to spring for using to avoid sticky of certain films.

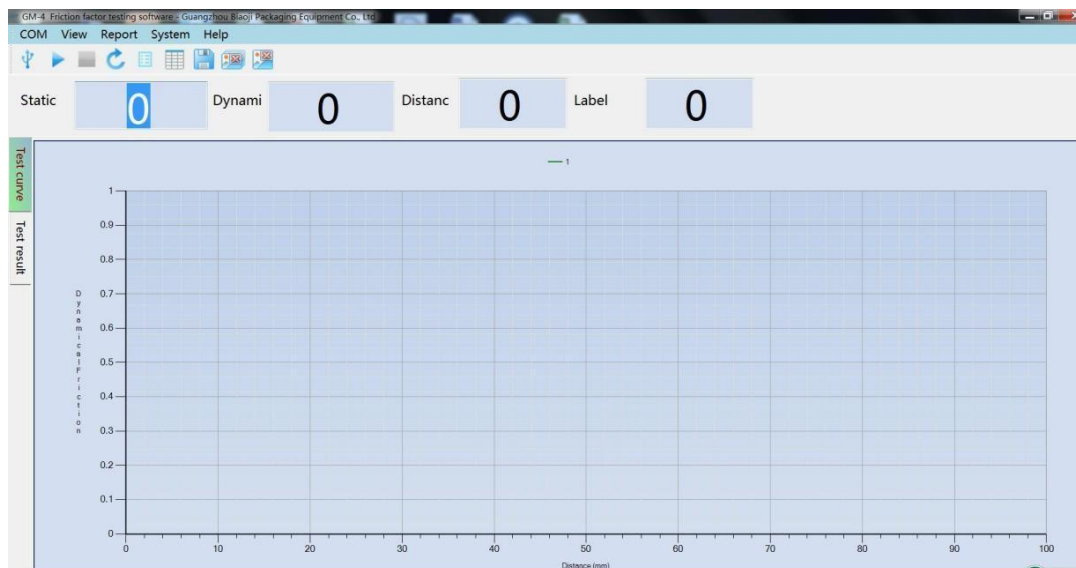
Advanced technology

- * Full-auto operation, auto judgment and stop.

Reliable and easy-maintenance

- * Sensor over-range auto protection.
- * Function modularization, easy to maintain

Software Interface



Specifications

Item	Technical Parameters
Test range	0.001~0.999
Resolution	0.001
Precision	±0.5%FS
Force range	0~9.8N
Sliding speed	0~500mm/min adjustable
Stroke	150mm
Sample thickness	≤2mm
Slider size	63×63mm
Slider weight	200±2g
Work platform size	200×470mm
Work platform temperature	Room temperature~100℃ (optional function)
LCD display	Test speed, coefficient of dynamic and static friction
Instrument size	480×400×220mm
Weight	13.6kg
Power	100W
Power supply	AC 220, 50Hz