

## GM-6 Coefficient of Friction Tester



### Application

This instrument can test the coefficient of friction of plastic film, thin sheet, paper and so on. It is applied to quality inspection organizations, drug control institutions, research institutes, packaging, thin film, food companies, pharmaceutical enterprises, personal care industry and so on.

### Standards

ASTM D1894, ISO 8295, TAPPI 816

### Features

- The force sensor is easy to calibrate, and the special standard block is used for quick calibration, which is convenient and fast;

- The host is equipped with a LCD, which displays the coefficient of static friction and coefficient of dynamic friction in real time;
- Supporting control software, the interface is simple and clear, easy to operate;
- Display real-time curve, the curve can be zoomed;
- Sensor over-range automatic protection function, functional modular design, easy to maintain.
- The instrument is equipped with a rigid sleeve as standard, and the spring can be switched to effectively prevent the slipping and sticking of the viscous film.

### Specifications

Project	Technical Parameters
Friction coefficient test range	0.001~0.999
Force range	0~9.8 N
measurement accuracy	±0.5% FS
resolution	0.001
slider movement speed	0~500 mm/min
Range	0~150 mm
Sample thickness	≤2 mm
slider size	63 mm×63 mm
slider quality	200 g±2 g
Work surface size	180 mm×470 mm
Display state	LCD
Dimensions	470 mm×340 mm×200 mm
power	100 W
power supply	AC 220 V, 50 Hz
weight	23 kg

## Configuration List

Standard configuration	Host, slider, power cord, data cable, a set of professional testing software
Optional	Computer, Metrology Certificate
Remark	3-hole socket, ground wire

Note: GBPI is always committed to product innovation and improved performance, so accordingly product technical specifications are subject to change without notice. GBPI reserves the right to amend and the final power of interpretation.