



Product Overview

The Co-Efficient of Friction (COF) Tester is a precision laboratory instrument designed to measure the static and dynamic coefficient of friction between two surfaces. It is widely used in industries such as packaging, plastic films, paper, textiles, and quality control labs.

This equipment ensures accurate, repeatable, and reliable testing of material surface properties. With its microprocessor-based system and PC-integrated software, the tester provides detailed graphical analysis and automated reporting, making it ideal for both research and industrial applications.

2. Technical Specifications

Parameter	Specification
Load Capacity	0 – 1000 Gram
Accuracy	±0.05% of indicated load
Maximum Daylight	150 mm
Test Speed	Fixed 150 mm/min
Display	Digital (Peak Load & Elongation)
Operation	Machine + PC Software Control
Measurement Units	Gram

3. COF Testing Setup

- Stainless Steel Platform with Glass Surface
- Standard Dead Weight: 200 Gram
- Proximity Sensor for accurate daylight positioning

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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4. Machine Features

- Suitable for Static & Dynamic COF Testing
- Limit switches for crosshead protection and safety
- Microprocessor-based load indicator for precise measurement
- Compact table-top model with powder-coated body
- RS-232 interface for PC connectivity.

5. Software Features

- Graph-based test analysis
- Repeat test functionality
- Average result display
- Auto selection of graph values with manual modification option
- Data storage and report generation
- Software security key (dongle) provided.

6. Electrical Details

Parameter	Specification
Power Supply	230 VAC
Frequency	50 Hz
Phase	Single Phase

7. Important Notes

- External PC is required for operation
- Compatible with COM Port (COM1 / COM2).

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