



## Product Overview

The **Efficient Friction Tester – Digital** from **Mild Steel Co** is a precision-engineered laboratory instrument designed to determine the **coefficient of friction and slip resistance** of various materials. The equipment is suitable for testing applications in packaging materials, plastic films, paper, laminates, textiles, and other industrial products requiring accurate friction analysis.

The machine is equipped with a **microprocessor-based digital load controller**, precision-guided stainless steel platform, and peak load memory system to deliver accurate, repeatable, and reliable test results.

## Key Features

- Digital microprocessor-based control system
- Peak load memory function
- LCD display for speed indication
- High accuracy and precise load measurement
- Stainless steel moving platform with guider and scale
- Compact tabletop design
- Smooth and stable motorized operation
- Powder-coated sturdy body structure
- Precision sled assembly for standard testing
- Sample holding clamps for secure operation

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



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**Technical Specifications**

Parameter	Specification
Product Name	Efficient Friction Tester – Digital
Manufacturer	Mild Steel Co
Load Cell Capacity	1 Kgf (or as per requirement)
Display	Microprocessor-based Load Controller with Peak Load Memory
Speed Indication	LCD Display
Resolution	1 gm
Accuracy	±1 gm
Motor	Fixed Speed Motor as per Standard
Moving Platform	Stainless Steel with Guider and Scale
Size of Sled	63.5 mm × 63.5 mm × 6 mm
Weight of Sled	200 gm
Structure Accuracy	1 Degree
Testing Platform	Polished Stainless Steel Platform with Glass Plate
Sample Holding	Clamps Provided
Model Type	Table Top Model
Finish	Powder Coated
Power Supply	220 V, 50 Hz

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