

# SLIP AND FRICTION TESTER 32-07



For over 30 years, the TMI Group has a history of producing reliable, accurate and robust testing instruments for measuring Coefficient of Friction. The Model 32-07 is our latest design offering advanced features for measuring and automatically calculating Static and Kinetic Coefficient of Friction. The Slip and Friction tester is designed to measure the sliding resistance of sheet like materials including Plastic Film, Packaging Film Laminates, Paper, Paperboard and Coated surfaces.

Slip and Friction testing aids in the evaluation of chemicals and additives used to create or minimize the degree of friction between two contacting test specimens.

## APPLICATIONS

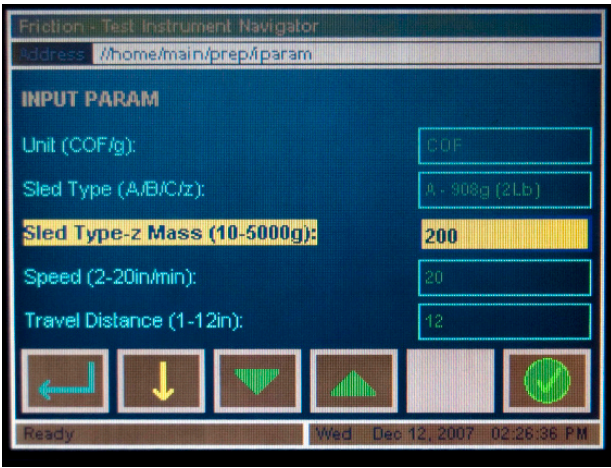
Paper, Flexible Packaging, Foils, Rubber, Plastics, Wood, Linoleum, Metal, Printing, Coatings, Composites

## SPECIFICATIONS

- \* Selectable speed from 5 to 43 cm per minute (2 to 17 inches per minute)
- \* Selectable travel distance from 2.5 to 30.5 cm (1 to 12 in.)
- \* Meets TAPPI T816, T549, and ASTM D1894

## FEATURES

- \* Digital display, storage and editing of up to 100 readings, and selectable units (COF or grams)
- \* Settable limits
- \* Statistics-average, standard deviation, high/low results.
- \* Report printout with built in printer
- \* RS-232
- \* Static and kinetic coefficient of friction calculated in one operation.
- \* Direct drive arm with unique skid control.
- \* Sled-connecting mechanism ensures level pulling action.
- \* Easily interchangeable sleds.
- \* Large 5.7 inch color display shows all results and settings. Intuitive result data in color allows operator to easily read pertinent result information.
- \* Includes Calibration fixture



▲ Set up screen for entering sample parameters



▲ Intuitive Software design and touch panel allows simple test operation.

## SPECIFICATIONS

|                           |  |
|---------------------------|--|
| Model                     | 32-07-00-0001  |
| Speed Range               | 5 to 43 cm per minute (2 to 17 inches per minute)    |
| Travel Distance           | 2.5 to 30.5 cm (1 to 12 in)                          |
| Weight                    | 25 kg (55 lb)  |
| Instrument Size W x D x H | 515 mm x 495 mm x 508 mm (20.3 in x 19.5 in x 20 in) |
| Electrical                | Specify voltage requirements when ordering           |

## STANDARDS

|                        |  |
|------------------------|--|
| TAPPI T549             | Coefficients of Static and Kinetic Friction of Uncoated Writing and Printing Paper by Use of the Horizontal Plane Method |
| TAPPI T816             | Coefficient of Static Friction of Corrugated and Solid Fiberboard (Horizontal Plane Method)                              |
| ASTM D1894             | Standard Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting                        |
| ISO 8295               | Coefficient of Friction of Plastics, Film and Sheeting   |
| Other Models Available |  |
| 32-25-00               | Incline plane Coefficient of Friction Tester. Meets TAPPI T-815 and ASTM D202 with optional blocks.                      |

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