

Incline Plane Friction Tester



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The Hanatek Incline Friction tester is a low cost but extremely accurate instrument determining the static friction coefficient of flat surfaces.

Designed for use in the packaging industry to measure the static slip of unprinted cardboard, printed cartons or plastic films and their coatings, the instrument is suitable for measuring other products including leather, textiles and paper.

The operation of the device is exceptionally simple, simply cut two samples with the enclosed templates, attach one to the platen and one to the measurement sled.

The instrument will raise the platen until the static slip force value is determined. The static coefficient of the surface is determined using the display readout (degrees) or provided chart.

For measuring dynamic friction please refer to our [Advanced Friction Tester](#)

Features:

- Simply measures static coefficient of friction
- Accurate slip measurement - readout to 0.1 degree
- Precision servo motor for repeatable readings
- Auto stop and auto-platen return
- Available with a choice of sleds for relevant ASTM/TAPPI/ISO standards

Applications:

- Printed cartons
- Flexible packaging
- Printing, Rubber
- Linoleum, Leather, Paper
- Foils, Coatings, Plastics
- Textiles, Composites

Standards:

- [DIN EN ISO 2813](#)
- [ASTM D523](#)
- [ASTM D2457](#)
- DIN67530
- [JIS Z 8741](#)
- TAPPI T480



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