

TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...

IDM
instruments

INCLINE PLANE COF TESTER

MODEL IDM-C0054-M1



INTRODUCTION

This instrument is used to determine the coefficient of static friction of most packaging materials by measuring the angle at which one test surface begins to slide against another inclined surface as the incline is increased at a constant and prescribed rate. As the plane rises, the first sign of movement from the sled is detected by the operator and a recording of the relevant angle of the incline is noted. The test is frequently referred to as a slide angle. The coefficient of friction is numerically equivalent to the tangent of that angle.

FEATURES

- Manual Operation
- Angle Inclination: 0 – 60°
- Angle Indication: 0.1°

APPLICATIONS

- Paper
- Plastics
- Film
- Foil
- Coatings

BENEFITS

- Easy to use
- Fast results
- Accurate
- Reduce waste material

DIMENSIONS

Instrument:

- H: 130 mm
- W: 260 mm
- D: 210 mm
- Weight: 3 kg

Packaged:

- H: 400 mm
- W: 400 mm
- D: 400 mm
- Weight: 5 kg

STANDARDS

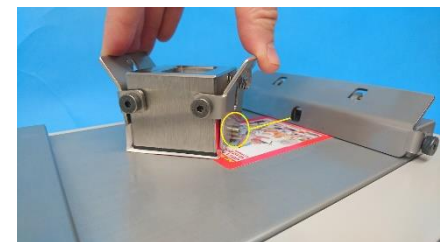
- ASTM D202
- TAPPI T 815
- TAPPI T 548

OPTIONAL ITEMS

Cutting Templates

- Cutting Template - Plane: 130 x 140mm (IDM-C0045-OP1)
- Cutting Template - 1300g Sled: 93 x 160mm (IDM-C0045-OP2)
- Cutting Template - 200g Sled: 66.5 x 100mm (IDM-C0045-OP3)

*Custom size cutting templates are available



Sleds

- T 548 Sled: 63.1mm x 63.1mm, 200g (IDM-C0045-OP4)
- T 815 Sled: 90mm x 100mm, 1300g (IDM-C0045-OP5)
- D202 Sled: 63.5mm x 76.2mm, 235g (IDM-C0045-OP6)

*Custom size sleds are available



WARRANTY AND CALIBRATION SERVICES

- **1 year Warranty**
- Our **Preventive Maintenance and Calibration (PM&C) program** has been designed to make the maintenance and calibration of your valuable testing equipment more cost effective by preventing breakdowns and downtime by regular calibration, service and replacement of defective parts. Talk to us about this today.

RELATED ITEM

Use the Coefficient of Friction Tester to determine kinetic and static friction.



IDM-C0055 Series