

Manual Incline Plane COF Tester

Model: C0054

IDM[®]
instruments

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.

Applications

- Paper
- Plastics
- Film
- Foil
- Coatings

Features

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

Options

- T 815 Sled: 90mm x 100mm, 1300g
- T 548 Sled: 63.1mm x 63.1mm, 200g
- Custom Sleds available upon request
- Cutting Template - Plane: 130 x 140mm
- Cutting Template - 1300g Sled: 93 x 160mm
- Cutting Template - 200g Sled: 66.5 x 100mm

Dimensions

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

Standards

- ASTM D202
- TAPPI T 815
- TAPPI T 548

Benefits

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

