Co-efficient of Friction Tester

Model No. PCOF - 159

Coefficient of Friction Tester is a consistent tool to indicate the starting and sliding friction of plastic films and sheets when sliding over itself or other substance at specified test condition. PRESTO Coefficient of Friction Tester is manufactured under various Test Standards ASTM D618, ASTM D 883, BS 2782, and ASTM D 1894. Available in Computerized model also.

- Microprocessor based display for accurate test results
- Display for Dynamic and Kinetic Friction - Force
- Highly accurate test results under sliding friction.
- Slider Block for performing tests – Sample to Sample, glass or metal
- No slippage in case specimen is tightened uniformly using fly screws without any loops.
- Bright LED display
- Feather touch controls
- Compressive force clamp with spring operated

Coefficient of friction reveals the stacking ability of plastic films. Friction could result from uneven film thickness which leads to uneven film strength. Coefficient of friction tester tells about the degree of abuse a plastic film will sustain without damaging the contents.
Key Specifications:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load Cell Capacity</td>
<td>3 Kg</td>
</tr>
<tr>
<td>Display</td>
<td>LED (Digital)</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±2% at full load (with master load)</td>
</tr>
<tr>
<td>Least Count/Resolution</td>
<td>3 gm</td>
</tr>
<tr>
<td>Power</td>
<td>220V, Single phase, 50 Hz</td>
</tr>
<tr>
<td>Speed</td>
<td>150 ± 30 mm/min</td>
</tr>
<tr>
<td>Motor</td>
<td>1/4 HP Single Phase, 1440 rpm</td>
</tr>
</tbody>
</table>

Highlights:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Switch</td>
<td>Yes</td>
</tr>
<tr>
<td>Material</td>
<td>Mild Steel</td>
</tr>
<tr>
<td>Finish</td>
<td>Powder coated Havel Gray &amp; Blue combination finish and bright chrome/zinc plating for corrosion resistant finish</td>
</tr>
<tr>
<td>Dimensions</td>
<td>820x400x515 mm</td>
</tr>
</tbody>
</table>

The Coefficient of Friction tester measures the sliding friction. User can calculate the Coefficient of Dynamic and Static Friction after reading the displayed load value.

Optional Features:

- Coefficient of Friction Tester Digital cum computerized models also available

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OUR OTHER PRODUCTS:

- Box Compression Tester
- Scuff Resistance Tester
- Tensile Tester Digital
- Spectrocolorimeter
- Cobb Sizing Tester
- Digital GSM Balance

Head Office: Presto Stanitest Private Limited
I-42, DLF Industrial Area Phase-I, Delhi Mathura Road, Faridabad 121003, Haryana, India
P: +91 129 4272727 E: info@prestogroup.com

Branches:

- **Mumbai**
  503-504B, Fair Link Centre, Opp. Fame Adlab Behind Mongini’s Off Link Road Anheri (West), Mumbai 400058
  P: +91 022 42957052, 42957053 E: west@prestogroup.com

- **Kolkata**
  93, 3rd Floor, Karnani Estate 209, A.J.C. Bose Road Kolkata-700017, West Bengal
  P: +91 033 40612012 E: east@prestogroup.com

- **Chennai**
  A-3, First Floor, Sri Sathya Sai Building 755, Poonamallee High Road, Kilpauk Chennai- 600 010, Tamil Nadu
  P: +91 044 43865260, 43838372 E: south@prestogroup.com

www.prestogroup.com