Perforation Tester

Model No. PST - 2001

Perforation Tester is a consistent tool to quantify the perforation strength or tensile ability of perforated materials like pouches, thermoplastic films, paper & packaging. They are used after separation of two consecutive sheets. It is important to know the efficiency of the pre-cut perforations. The perforation strength should be enough to ensure the product cohesion in order to separate the samples easily.

- Microprocessor based display for accurate test results
- Works on Constant Rate of Elongation (CRE) Principle
- Display for Perforation strength of test specimen
- Highly accurate test results under Tensile force
- Strong gripping clamps to perform test at 180 degree.
- Bright LED display
- Inbuilt calibration facility
- Feather touch controls
Perforation Tester reveals the perforation strength force required to remove perforations, which has been applied to standard test specimen under specified conditions at a specified angle.

**Key Specifications:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load Cell Capacity</td>
<td>50 Kgf</td>
</tr>
<tr>
<td>Display</td>
<td>LED (Digital) 7 segment</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± 2% at full load (with master load)</td>
</tr>
<tr>
<td>Least Count/Resolution</td>
<td>10 gm</td>
</tr>
<tr>
<td>Power</td>
<td>220V AC , 5 Amp., Single phase, 50 Hz</td>
</tr>
<tr>
<td>Test Speed</td>
<td>300 mm/min± 5%</td>
</tr>
<tr>
<td>Memory</td>
<td>After perform the test max. value save in memory</td>
</tr>
<tr>
<td>Test Sample Grip Size</td>
<td>140 mm ± 5 mm (width)</td>
</tr>
</tbody>
</table>

**Highlights:**

<table>
<thead>
<tr>
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<th>Details</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>600x500x1120 mm</td>
</tr>
</tbody>
</table>

Optional:
1. Computerised model also available
2. Variable speed control drive for testing at different speed 30 - 300 mm / min or 50 - 500 mm / min.

Accessories Including:
- Perforation test non slip grippers - 1 set.

Thank you customers for choosing us as your partners in growth!

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**OUR OTHER PRODUCTS :-**

- Transparency Tester
- Top Load Tester
- Computerised Wall Thickness Gauge
- Eccentricity Tester
- Moisture Analyzer MB 45
- Preform Neck Cutter

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