**Bench UV Light Accelerated Weathering Tester - Touchscreen**

**Model No. PBUAW - 852**

**Bench UV Accelerated Weathering Tester** is a consistent tool that reproduces and is useful for checking the damage caused by sunlight, rain and dew. This instrument provides simulation of accelerated ageing and designed to assess the ability of molded/extruded rubber products to various environmental factors by using UV lamps, water spray and fluorescent lights. PRESTO UV Accelerated Weathering tester is manufactured under various standards ISO 4892-3:2012, ASTM D4329-13, ASTM D4587-11, and ASTM G-151-10.

- Excellent system control with latest HMI touchscreen
- Maintains rapid resumption of UV Lights during continuous circulation
- Temperature setting and Preset Timer functions incorporated in HMI for accuracy and repeatability.
- Program profile for selecting test parameters and performing the test.
- Current test running status display
- UV lamps to simulate short-wave ultraviolet part of sunlight
- Digital display of test time, chamber temperature, spray time, accumulated time.
- Digital Preset Timer functions incorporated for accuracy and repeatability
- Corrosion Resistant PT-100 sensor
- Fully automatic test after simple settings
- Solid state digital Programmable Temperature Controller
- Robust Construction
- Ease of use of sample placements inside the test chamber with rotating test fixtures
- Maintain rapid resumption of water spray and humidity during continuous circulation
- Fully automatic test cycle after settings through Touch Screen control

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**Dimensions:**
- Top View: 1000 MM x 800 MM x 600 MM
- Front View: 1000 MM x 800 MM x 600 MM
- Side View: 1000 MM x 800 MM x 600 MM

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Key Specifications:

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<thead>
<tr>
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<tbody>
<tr>
<td>Display</td>
<td>HMI Based touch screen</td>
</tr>
<tr>
<td>Chamber Temperature Range</td>
<td>±5°C ~ 80°C</td>
</tr>
<tr>
<td>Chamber Temperature Least Count</td>
<td>0.1°C</td>
</tr>
<tr>
<td>Chamber Temperature Repeatability</td>
<td>± 2°C</td>
</tr>
<tr>
<td>Timer Range (Test Temperature)</td>
<td>1-99999 hr</td>
</tr>
<tr>
<td>Timer Range (Spray Period)</td>
<td>1-99999 min</td>
</tr>
<tr>
<td>Timer Range (Spray)</td>
<td>1-99999 min</td>
</tr>
<tr>
<td>Rated life of lamp</td>
<td>1600 hr</td>
</tr>
<tr>
<td>Max. Irradiance</td>
<td>UVA lamps: 0.7 W/m² UVB lamps: 0.4 W/m²</td>
</tr>
<tr>
<td>Speed of sample rotating frame</td>
<td>3.7 rpm</td>
</tr>
<tr>
<td>Temperature Control</td>
<td>Pt-100 Sensor</td>
</tr>
<tr>
<td>Flow of water pump</td>
<td>≤ 7 L/min</td>
</tr>
<tr>
<td>Inlet supply of water pressure</td>
<td>2 kg/cm²</td>
</tr>
<tr>
<td>Power</td>
<td>220V, Single phase, 50 Hz, 15 A</td>
</tr>
</tbody>
</table>

Highlights:

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>UV lamps</td>
<td>3</td>
</tr>
<tr>
<td>No. of test samples</td>
<td>18</td>
</tr>
<tr>
<td>Material</td>
<td>Mild Steel</td>
</tr>
<tr>
<td>Finish</td>
<td>Powdercoated Havel Gray &amp; Blue combination finish and bright chrome / zinc plating for corrosion resistant finish</td>
</tr>
<tr>
<td>Dimensions</td>
<td>1000x600x800 mm</td>
</tr>
</tbody>
</table>

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

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OUR OTHER PRODUCTS:

- Hot Air Oven
- Humidity Chamber
- Cupping Machine
- Paint Impact Resistance Tester
- Scratch Hardness Tester Motorised
- Scratch Hardness Tester Hand Operated

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