

Bench UV Light Accelerated Weathering Tester - Touchscreen

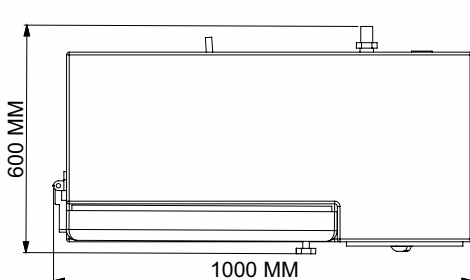


HMI Based Touch Screen

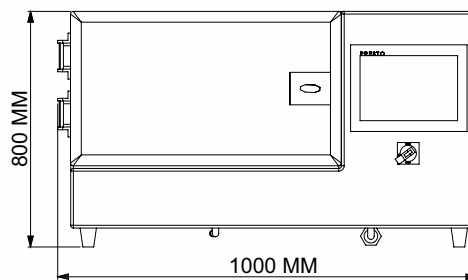
Model No. PBUAW - 852

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.

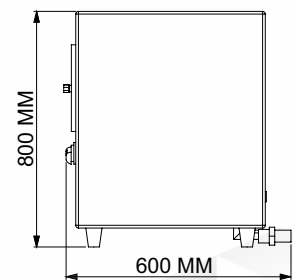
- Excellent system control with latest HMI touchscreen
- Maintains rapid resumption of UV Lights during continuous circulation
- Temperature setting and Preset Timer functions incorporated in HMI for accuracy and repeatability.
- Program profile for selecting test parameters and performing the test.
- 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



Top View



Front View



Side View

Key Specifications:

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

Highlights:

UV lamps	3
No.of test samples	18
Material	Mild Steel
Finish	Powdercoated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Dimensions	1000x600x800 mm

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