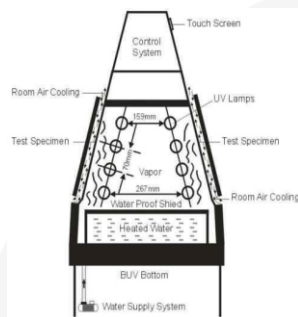


UV LIGHT ACCELERATED WEATHERING TESTER - TOUCH SCREEN



The **4B TESTING EQUIPMENTS** UV Accelerated Weathering Tester is equipped with a fluorescent UV lamp which can completely simulate the UV spectra of sunlight, exposes materials to alternating cycles of UV light and moisture at controlled, elevated temperature. It stimulates dew and rain with consideration for humidity and / or water spray.

The UV Weather Resistance Test Chamber is the world's most widely used weathering tester to test types of damages include colour gloss loss, chalking, cracking, crazing, hazing, blistering, strength loss and oxidation.

- **Temperature setting for accuracy and repeatability.**
- **Maintains rapid resumption of UV Lights during continuous circulation**
- **Program profile for selecting test parameters and performing the test.**
- **UV lamps to simulate short-wave ultraviolet part of sunlight**
- **Current test running status display**
- **HMI display of test time, chamber temperature, spray time, accumulated time.**
- **Corrosion Resistant PT-100 sensor**
- **Fully automatic test after simple settings**
- **Preset Timer functions incorporated for accuracy and repeatability**
- **Robust Construction**
- **Solid state Relay Based Programmable Temperature Controller**
- **Maintain rapid resumption of water spray and humidity during condensation cycle**
- **Fully automatic test cycle after settings through Touch Screen with Friendly Operating Window**
- **Adjustable range for water supply**
- **Original UVA or UVB lamps ensure the comparability of testing results.**
- **Alarm and protection Creep-age protection, water-breaking protection, overloading protection, security door protection**
- **over-temperature protection switch**
- **Ease of use of sample placements inside the test chamber**

Test Methods & Material Standards :

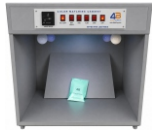
ASTM D4329 13, ASTM D4587 11, and ASTM G 151, ASTM G 154

Key Specifications:

Display	HMI Based touchscreen 7inch TFT LCD Colour screen
Light Source	UV -A (wave length 340 nm) or UV -B (wave length 313 nm)
Lamp Detail	40W×8 pcs (The normal use-life is 2,000 hours)
Irradiance Range	0.1 W/m ² ~ 1.0 W/m ² (UVB) or 0.1 W/m ² ~ 0.8 W/m ² (UVA)
Temperature Range	Black Panel temperature (BPT) : RT+10°C ~ 70°C
Temperature Stability	± 2°C
Interior of cabinet	Stainless steel -SUS 304 material
Exterior of cabinet	Powder coating
Insulating Area	5175cm ² /828in ²
Sample Capacity	48 pieces of standard specimen (75×150mm standard samples)
Size	1400×500×1200mm (L×W×H)
Weight	125 kg
Power	220VAC±10% 50/60Hz ; 15A (Max Electric Current) 3KW
Water Supply Control	0-4LPM

Ordering Information :

- PSPL 855 : Basic Ultraviolet Light Accelerated Weathering Cabinet (No irradiance control)
 - PSPL 856 : Ultraviolet Light Accelerated Weathering Cabinet (With Irradiance control and automatic calibration)
- Optional :** UVB lamps (40w/313nm) /UVA lamps (40W/340nm)

					
Color Matching	Gloss Meter Triangle	Wall Thickness Gauge	Moisture Analyzer	Carbon Black Content	Fume Hood

Contact us:

4B TESTING EQUIPMENTS PVT LTD

1003, 10th Floor Tower - 3, RPS 12th Avenue Sector - 27C, Faridabad - 121003, Haryana

www.4bequipments.com | info@4bequipments.com

Mobile : 9813744722, 9555159647, 8816865099