



## Presto Stantest Pvt. Ltd.

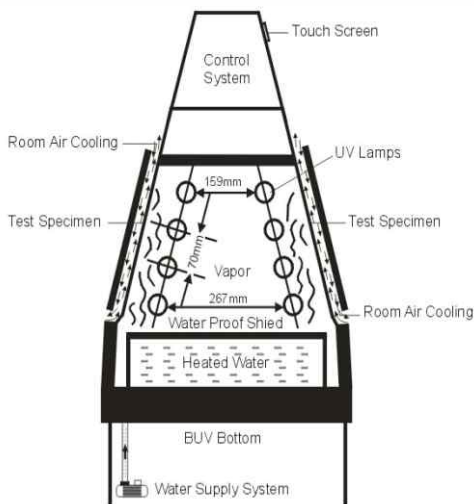
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# UV Light Accelerated Weathering Tester - Touch Screen



Screen Shots

### Model No. : PSPL - 855

**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 moulded/extruded rubber products to various environmental factors by using UV lamps, water spray and fluorescent lights.

- Maintains rapid resumption of UV Lights during continuous circulation
- Temperature setting 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
- HMI display of test time, chamber temperature, spray time, accumulated time.
- Preset Timer functions incorporated for accuracy and repeatability
- Corrosion Resistant PT-100 sensor
- Fully automatic test after simple settings
- Solid state Relay Based Programmable Temperature Controller
- Robust Construction
- Ease of use of sample placements inside the test chamber
- 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
- Can select TCP/IP Ethernet interface, the user can tele-control the machine through TCP/IP internet.

### Test Methods & Material Standards :

ISO 11507, ISO 4892-1, ISO 4892-3, ASTM D 4587, ASTM D 4329, ASTM G-151, ASTM G-154, BS 2782:Part5, JIS D 0205





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## 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 <sup>2</sup> ~ 1.0 W/m <sup>2</sup>
Temperature Range	Black Panel temperature ( BPT ) : RT + 10°C ~ 100°C
Temperature Stability	± 2°C
Interior of cabinet	Stainless steel -SUS 304 material
Exterior of cabinet	Powder coating
Insulating Area	5175cm <sup>2</sup> /828in <sup>2</sup>
Sample Capacity	48 pieces of standard specimen (75 × 150mm standard samples) or 15 pieces of 100 × 300mm
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)

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