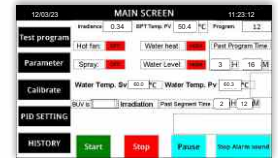
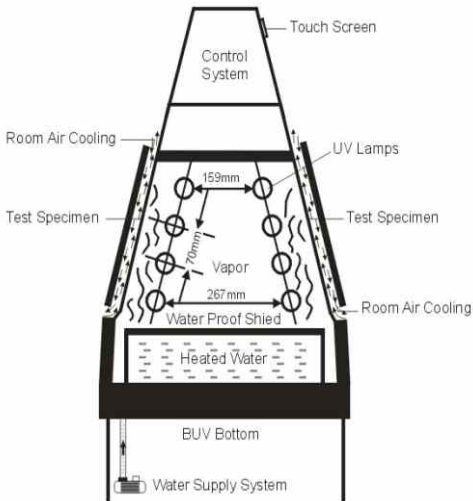




## UV Light Accelerated Weathering Tester - Touch Screen

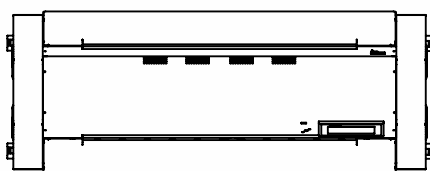


Main Screen

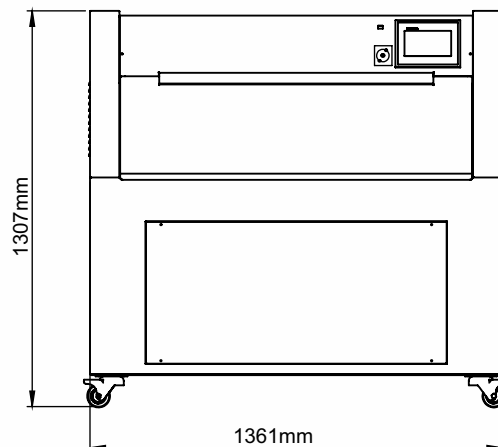
Model No. : PSPL - 855/856

**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.

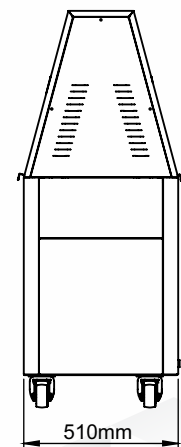
- Maintains rapid resumption of UV Lights during continuous circulation
- Temperature setting for accuracy and repeatability.
- Program profile for selecting test parameters and performing the test.
- Current test running status display
- UV lamps to simulate short-wave ultraviolet part of sunlight
- 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
- Fully automatic test cycle after settings through Touch Screen with Friendly Operating Window
- Original UVA or UVB lamps ensure the comparability of testing results.



TOP VIEW



FRONT VIEW



SIDE VIEW



# Presto Stantest Pvt. Ltd.

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- Chennai • Bangalore • Hyderabad

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## Test Methods & Material Standards :

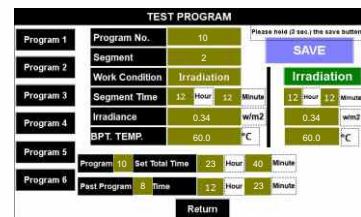
ISO 11507, ISO 4892-1, ISO 4892-3, ASTM D 4587, ASTM D 4329, ASTM G-151, ASTM G-154, BS 2782:Part5, JIS D 0205

## Key Specifications:

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Display               | HMI Based touchscreen 7inch TFT LCD<br>Colour screen            |
| Light Source          | UV -A (wave length 340 nm) or UV -B<br>(wave length 313 nm )    |
| Lamp Detail           | 40W x 8 pcs (The normal use-life is 2,000<br>hours)             |
| Irradiance Range      | 0.1 W/m <sup>2</sup> ~ 1.0 W/m <sup>2</sup>                     |
| Temperature Range     | Black Panel temperature ( BPT ) :<br>RT + 10°C ~ 80°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 x 150mm<br>standard samples) |
| Size                  | 1361x510x1307 mm ( L x W x H )                                  |
| Weight                | 125 kg                                                          |
| Power                 | 220VAC ± 10% 50/60Hz ; 15A ( Max<br>Electric Current ) 3KW      |
| Water Supply Control  | 0- 4LPM                                                         |



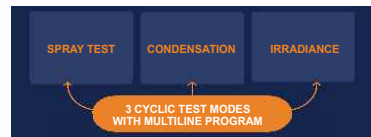
\*irradiance monitor and control feature available in 856 model only



## Program Profile



## Data Record



## 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)

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



\*All the above logos are the sole property of their respective owners and are used purely for depiction purposes only.

## OUR OTHER PRODUCTS :-

