

UV Accelerated Test Chamber

Applications

- **1.** Simulate the sun, rain spray and condensation resulting damage to test the materials by exposure to sunlight.
- 2. To get the results of damage after several days or weeks which is equal to expose to outside for a few months.
- 3. Provide reference with testing data for improvement of existing materials, or to assess the impact of changes in product durability.

Standard Features

Chamber Material SUS#304 stainless steel Temperature Range RT ~70 °C Temperature Fluctuation ±2 °C Temperature Control PID SSR control Humidity Range ≥95%RH Controller Programmable controller, LCD touch screen Control Mode Balance temperature humidity control (BTHC) Test Cycle Setting Exposure, condensation and water spray test cycle is programmable Distance from sample to lamp 50±2mm Centre distance between the lamp 70mm Irradiance 0.45~0.8W/m2 (optional) IIV Lamps Imported Atlas UV-A: 315-400nm (8pcs, 1600h lifetime)		
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Irradiance 0.45~0.8W/m2 (optional) UV Lamps Imported Atlas UV-A: 315-400nm (8pcs, 1600h lifetime)	Distance from sample to lamp	50±2mm
UV Lamps Imported Atlas UV-A: 315-400nm (8pcs, 1600h lifetime)	Centre distance between the lamp	70mm
	Irradiance	0.45~0.8W/m2 (optional)
Standard Specimen Size75×290mm (24pcs) or 75x150mm (48pcs), max. thickness 5mm	UV Lamps	Imported Atlas UV-A: 315-400nm (8pcs, 1600h lifetime)
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Testing Time0 ~ 999H, adjustable	Testing Time	0 ~ 999H, adjustable
Protection Time Overload short circuit protection, over temperature protection, water lacking protection, earth leakage protection, auto shut off protection	Protection Time	Overload short circuit protection, over temperature protection, water lacking protection, earth leakage protection, auto shut off protection



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