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# UV Accelerated Aging Test Chamber

**Model : SRZY-A**

## Summary:

UV accelerated aging test chamber uses a fluorescent ultraviolet lamp to simulate the effect of sunlight irradiation, and the tested material is placed in the light at a certain temperature for testing. In a matter of days or weeks, the same weathering effects that have occurred outdoors for months or years can be reproduced. Unique maintenance-free structure design, more convenient to use, more energy saving!



## Application :

UV accelerated aging test chamber is widely used in paint, resins, plastics, printing and packaging, aluminum, adhesives, auto, cosmetics, metals, electronics, electroplating, medicine, etc

## Test standards :

ASTM-D1148, ASTM G53-77, GB, GJB, MIL, ASTM, CNS, IEC, JIS, AATCC, DIN, Fed Test, BS, SAE, ASTM D4355 and etc.

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## Main Features :

### 1.Simulated sunlight

The damage of material durability is mainly caused by the sun's ultraviolet ray. We use UV lamps to simulate sunlight in the ultraviolet part of the short-wave, it produces very little visible or infrared spectral energy. We can choose according to different testing requirements of different wavelengths of UV ultraviolet light, because each lamp in the total energy and wavelength of UV radiation are not the same. Usually, UV lamp can be divided into two kinds of UVA and UVB.

### 2.Temperature control

The temperature control in each cycle, the temperature can be controlled at a set value.Higher temperature can accelerate the aging process, while temperature control for reproducibility of the test is also very important.

## Technical Specifications :

UV lamps	15W, UVB313, 2PCS
Working size	580*320*360mm
Test distance	150~250mm asjustable
Control way	PID
Sample rack	Can be adjust up and down
Machine size	750*430*450mm
Function selection	including continuous and cycle selection, light and dark time can be adjusted when selecting cycle function
Timing device	0~999H, With power outage maintain function, continue to work after power supply.
Power supply	220V, 50HZ or customized

Models optional :



**SRZY-A**

Simulate the sunlight  
UVA or UVB light sources, 2pcs



**SRZY-B**

Simulate the sunlight and Tempt.  
UVA light sources, 2pcs  
Tempt. : RT~60°C



**SRZY-C**

Simulate the sunlight, Temp. + water spray  
UVA/UVB light sources, 3pcs  
Tempt. : RT~60°C  
Water spraying



**SRZY-D**

Simulate the sunlight+Temp. + water spray  
UVA/UVB light sources, 8pcs  
Tempt. : RT~60°C  
Water spraying



### What we produce? (always accept customize)

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|--------------------------------|--------------------------|--------------------------------|
| 1. Universal tensile testers   | 2. Hardness testers      | 3. Environmental chambers      |
| 4. Electronic products testers | 5. Paper&package testers | 6. Abrasion resistance testers |
| 7. Sponge/metal testers        | 8. Color/safety testers  | 9. Rubber/plastic testers      |
| 10. Fabric/leather testers     | 11. Wire/shoes testers   | 12. Other testers              |