

## Fluorescent UV Accelerated Aging Test Chamber , UV Light Accelerated Weathering Tester

Our Product Introduction

### Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: SAEJ2020,PREN1062-4,ISO4892-3,ASTMG53,ASTMG154,DIN74324.1-1996, DIN74324.1-1996,Q/YQ2164-2012,GB16897-2010,GB/T16422.3 ISO11507
- Model Number: YX-UV40-8II
- Minimum Order Quantity: 1 pcs
- Price: usd+20000-50000+pcs
- Packaging Details: wooden box package
- Delivery Time: 30-45 Days
- Payment Terms: T/T
- Supply Ability: 100+pcs+30



### Product Specification

- Machine Name: Accelerated Aging Test Chamber
- Service Environment: Outdoor Climate Test Conditions, Comprehensive Environment Of UV Light, Heat And Water
- Test Function: UV Aging Test
- Dimension: Approx W1200×D 450×H 1500 (mm)
- Shell Material: Steel Plate
- Power Supply: 220V/50HZ; 2.0kw
- Highlight: Fluorescent UV Accelerated Aging Chamber, Accelerated Aging Test Chamber, UV Light Accelerated Weathering Tester



### More Images



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## Product Description

### Fluorescent UV Accelerated Aging Test Chamber , UV Lamp Weathering Tester

#### Machine introduction:

The Fluorescent UV Aging Test Chamber simulates sunlight's UV rays to accelerate aging of materials. It features adjustable UV intensity, temperature and humidity control, replicating diverse weather conditions. Constructed with stainless steel for durability, it ensures precise measurement and control.

The interior is made of 304 stainless steel, which is durable.

Use nickel-chromium alloy to heat air and water, heating control method: non-contact SSR (solid state relay).

Using touch screen control, it can monitor and display the test situation.

The sample holder is made of pure aluminum metal, and the distance from the sample surface to the center of the light pipe is  $50\pm 3\text{mm}$ .

Light irradiance is adjustable and controllable, with high irradiance control function.

It has dual functions of low water level alarm and automatic water replenishment.

Protection system: water shortage protection, over-temperature protection, low (high) irradiance alarm, sample rack temperature over-temperature protection, sample rack temperature low alarm, leakage protection.

#### Technical data:

Item	Parameters
Black Panel Temperature Range (BPT)	40 90
Light cycle temperature control range	40 80
Condensing cycle temperature control range	40 60
Temperature fluctuation	$\pm 1$
Relative humidity	When condensation $\geq 95\%$
Irradiance control method	Automatic control of light irradiance
Condensation method	Nickel-chromium alloy electric water heating condensation system
Condensation control	Condensation direct display and automatic control
Sample rack temperature	Sample rack temperature BPT direct display and automatic control
Cycle mode	Direct display and automatic control of light, condensation, spray, light + spray
Water supply method	Automatic water supply
Spray water	Adjustable and display, automatic control, spray time can be set during the test
Light irradiance	Light irradiance and time can be set during the test process
Number of light pipes	8pcs, UVA or UVB UVC fluorescent ultraviolet light tube
Type of light source	UVA or UVB fluorescent ultraviolet light tube (normal service life more than 4000 hours)
Power source	40W/one
Wavelength range	UVA: 340nm, UVB: 313nm; UVC lamp
Control range	UVA: 0.25 1.55 W/m <sup>2</sup> UVB: 0.28 1.25W/m <sup>2</sup> UVC: 0.25 1.35 W/m <sup>2</sup>
Radioactivity	Automatic control of light irradiance
Power	2.0kw

#### Installation requirements:

Aisle: Before the equipment enters the factory, please confirm that the space in the aisle, elevator, laboratory, etc. of the factory area is sufficient for the equipment to pass through.

Water source: Please prepare purified water water pressure reaches 138 ~ 344Kpa (20 ~ 50psi), flow: minimum 5L/min.

Power supply: 220V/50HZ 2.0kw please check whether it is compatible.

Site space:  $\geq W1500 \times D1500 \times 2000\text{mm}$

The room needs to reserve a drain, and the back of the machine can be connected to the water pipe for drainage.

Use environmental conditions:

- 1 Temperature: 8 50 .
- 2 Relative humidity: less than 85% .
- 3 No direct sunlight or direct radiation from other heat sources.
- 4 There is no high concentration of dust and corrosive substances around.

#### Remark:

- 1 The pictures in this document are for customer reference only, and there may be color differences between the actual model and the pictures.
- 2 This document only lists some test standards, which does not mean that other test requirements and standards cannot be conducted. Welcome



to communicate and discuss with us.

3 Our company has other types of testing machines that can be supplied, and users are welcome to consult.

4 The photos may not match the actual ones, and are for user reference only.

**The detail images:**



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**Tags:** Fluorescent UV Lamp Aging Test Chamber , UV Accelerated Weathering Tester , Fluorescent UV Aging Testing Machine



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