

UV Aging Test Chamber

Introduction:

Simulate the harm caused by sunlight, UV aging test chamber used fluorescent ultraviolet lamps to simulate the effect of sunlight exposure. The tested material is placed in the light at a certain temperature for testing, Hazards that occur outdoor for months or years can be recreated in days or weeks. Types of hazards include: color fading, discoloration, loss of light, power light, cracking, peeling, turbidity, bubbles, brittle, reduced strength, decay and oxidation. It's widely used in coating ink pain, resin, plastic, printing packaging, adhesives, automotive and motorcycle industry, cosmetics, metals, electronics, electroplating and pharmaceutical industries.



Features:

- * Select imported brand ATLAS & O-LAB of UVA and UVB lamps.
- * Good lighting, faster testing, long lifetime, good durable usage.
- * Equipped with a irradiator made in Beijing Normal University, with feedback signal and collect testing information from inner chamber.
- * Ensure simulation condition meet test condition in chamber by controller.
- * Prevent the lamp tube in the chamber from falling to reach the test conditions, resulting in no effect of the test.

Technical Parameters:

Model	BJPX-UATC1	BJPX-UATC2	BJPX-UATC3
Function	Lighting	Lighting+condensation	Lighting+condensation+raining
Lighting Temp. Range	50~70℃(Temp. deviation: ±3℃)		
Condensation	40~60℃(Temp. deviation: ±3℃)		
Blackboard Temp. Range	30~80℃(Temp. deviation: ±1℃)		
Center Distance of Light	70mm		
Distance	50mm(The closest parallel distance between the specimen and the lamp surface)		
Wavelength Range	UVA-340: 315~400nm UVB-313: 280~320nm		
Max. Radiation Intensity	Within 1.2W/m ² /340nm adjustable		
Indication Resolution	0.1℃		
Tank	Water depth ≤25mm, with automatically feed water controller		
Lamp Life	About 1800~2500h(Depends on actual usage time)		
Power Supply	AC 380V, 50/60Hz; 220V, 50/60Hz; 110V, 50/60Hz(Standard)		
Inner Size(W*D*H)	1130*500*400mm		
External Size(W*D*H)	1300*700*1700mm		
Package Size(W*D*H)	1600*1000*2000mm		
Net Weight	150kg		
Gross Weight	170kg		