

## ASLI Climate Resistant Test Chamber



### Climate Resistant Test Chamber (UV/ Sunlight)

#### Application:

Climate Resistant Test Chamber is applied to test the sample aging resistant performance by explore the samples under simulated extremes sunlight ,humidity , etc. nature environmental conditions, can know the samples' fade, transmittance, glossiness, stripping, hard, softening performance in short time. This machine is widely used in the aviation industry, paint industry, coating industry. The automotive industry, textile industry, dye industry, plastic industry, building industry, etc.

#### Features:

1. Can record the temperature, humidity, arc light voltage, arc light current, BT black ball temperature and arc light in the same time.
2. 60H continuous testing.
3. BT black ball temperature digital display, damper regulator can be controlled for stable of black ball's temperature.
4. Unique DEW design
- 5.All data use digital display for long time management.
6. Adopt carbon arc Intensity detector, to keep the wave length in standard range.

#### Technical Parameters:

Model	EC-A	EC-B	EC-C	SC-A
Light device	UV carbon arc light			Sunlight carbon arc light
Internal Dimension	800x1000x800	700x 800x700		1000x1000x1000

W×H×D (mm)				
External Dimension W×H×D (mm)		1300×2000×1300	1200×1800×1200	1500×2100×1500
Testing Time (hr)		20		60hr
Testing Voltage		120V-145V (135V)	120V-145V	48V-52V(50V)
Testing Current		15A-17A(16A)	15A-17A	58A-62A(60A)
Black Ball Thermometer		63±3°C~83±3°C		
Dia. Of Test Shelf Φ, (mm)		800	508	960
Revolution Speed of Testing Shelf (rpm)		1 ~5		
Sample Shelf		390×70mm 30 pcs	248×50mm 20 pcs	390×70mm 30 pcs
Temperature Range		RT +15°C~85°C	RT +15°C~63°C	RT +15°C~85°C
Humidity Range		40%R.H.-85%R.H. (when temperature is RT+15°C)	40%R.H.-85%R.H. (when temperature is RT+15°C)	30%R.H.-50%R.H. (when temperature is 80°C)
Carbon rod	Upper	Φ13×305mm (2 pcs)	Φ13×305mm (1pc)	Φ35×350mm (4pcs)
	Lower	Φ13×100mm (4pcs)	Φ13×100mm (2pcs)	Φ23×350mm (4pcs)
Power		AC220V , 1φ 3 lines, 50/60HZ ; AC380V ,3φ 5 lines , 50/60HZ		