

XENON WEATHERING TEST CHAMBER (AIR COOLED)

氙灯耐候试验箱 (风冷式) HD-E711-1



INTERNAL CHAMBER
内箱

仪器简介 Product Introduction

氙灯耐候试验箱采用氙弧灯，可模拟全太阳光谱且存在于不同环境下的破坏性光波。此设备能提供相应的环境模拟和加速试验，专门用于科研，产品开发和产品质量管控等等。

The Xenon Weathering Test Chamber uses a xenon arc lamp that can simulate full sunlight spectrum to reproduce destructive light waves that exist in different environments. This enables the device to provide the corresponding environment simulations and acceleration tests for scientific research, product development and quality control.

满足标准 Test Standard

GB/T16422.2, GB/T16259, GB/T29061, GB/1865, GB/18244, GB/T14522, ISO 4892-2, ISO11507, SAE J2527, SAE 242, ASTM G155, ASTM D4459, IEC 60068-2-5

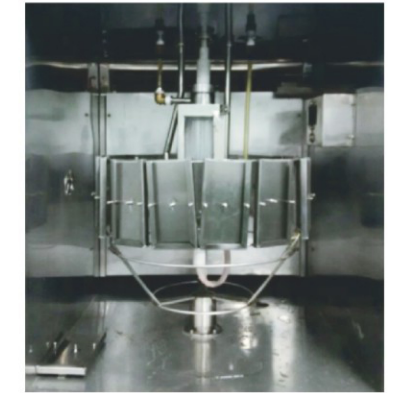
技术参数 Technical Parameters

内箱尺寸 (W*D*H)	750*500*600mm	800*800*800 mm	1000*1000*1000mm
外箱尺寸 (W*D*H)	1300*1000*1700mm	1450*1350*2150 mm	1650*1550*2350mm
内箱材质	304不锈钢, 防尘, 易清洗		
外箱材质	烤漆/不锈钢		
箱内湿度	光循环30%~50%RH、暗循环30%~95%RH(双温控制时为50%~90%RH)		
湿度均匀度	≤ ±5%RH		
箱内温度	20℃~80℃, 可设定(双温控制时, 38℃或40℃ ± 3℃)		
黑板温度	30℃~95℃, 可设定(双温控制时, 65℃或63℃ ± 3℃)		
温度均匀度	≤ ±2℃		
滤光片	窗玻璃滤光片(标配)、日光滤光片、延展紫外线滤光片		
光源	风冷长弧氙灯		
辐照强度	290~800nm波段550~1120W/m ² , 双温控制时辐照度:0.3~1.3W/m ² , 0.51 ± 0.02W/m ² (340nm)		
控制系统	LCD可编程控制器, 自动显示辐照度, 可设定100组程序, 每个程序含99个循环		
光照时间	1~999 Hours, Adjustable		
淋雨系统	喷水时间999分钟可调, 间断喷水时间1~240分钟可调, 可周期循环设定		
触发器功率	3kW, 工作电压交流220V, 电流25 ± 3A		
淋雨喷嘴	直径: 0.8mm (回水带超精细过滤器防止喷嘴堵塞)		
试样架	304不锈钢试样架		
试样与灯管距离	250~300mm		
氙灯寿命	1200小时		
氙灯功率	2.5kW*3pcs=7.5kW		
电源	三相, AC380V 50Hz		
辐照量	自动演算累积辐照量并自动停机, 可根据客户要求定制		

Internal Dimension	750*500*600mm	800*800*800 mm	1000*1000*1000mm
External Dimension	1300*1000*1700mm	1450*1350*2150 mm	1650*1550*2350mm
Internal Chamber Material	Stainless Steel 304, Anti-rust, Easy To Clean		
External Chamber Material	Paint Spray/ Stainless Steel		
Chamber Humidity Range	30%~50% RH (Light Cycle)30%~95% RH (Dark Cycle)		
Humidity Uniformity	≤ ±5%RH		
Chamber Temperature	20℃~80℃, Adjustable(double temp. control, 38℃ or 40℃ ± 3℃)		
Black Panel Temperature	30℃~95℃, Adjustable(double temp. control, 65℃ or 63℃ ± 3℃)		
Temperature Uniformity	≤ ±2℃		
Filter	Window filter, Daylight filter, Extend UV Filter		
Light Source	Air Cooled Long Arc Xenon Lamp		
Irradiance Strength	550~1120W/m ² @290~800nm, Adjustable 0.3~1.3W/m ² at double temperature control and 0.51W/m ² @340nm		
Control System	LCD Programmable Controller, Auto Display Irradiance, Capacity: 100 Groups Program, 99 Cycles		
Illumination Time	1~999 Hours, Adjustable		
Water Spray System	Water Spray Time 999 Minutes Settable Interval Spray Time, 1~240 Minutes Settable, cycle settable		
Power trigger	3kW, AC220V, 25 ± 3A		
Water Spray Nozzle	Diameter: 0.8mm		
Sample Holder	Stainless Steel 304		
Distance From Sample Holder To Lamp	250~300mm		
Xenon Lamp Lifetime	1200hours		
Xenon Lamp Power	2.5kW*3pcs=7.5kW		
Power Supply	Three Phase, AC380V 50Hz		
Irradiation	Automatic calculus accumulates irradiation and stops, can be customized		

XENON WEATHERING TEST CHAMBER (WATER COOLED)

氙灯耐候试验箱 (水冷式) HD-E711-2



TURNABLE SAMPLE TRAY
转盘式试样架

仪器简介 Product Introduction

氙灯耐候试验箱采用氙弧灯，可模拟全太阳光谱且存在于不同环境下的破坏性光波。此设备能提供相应的环境模拟和加速试验，专门用于科研，产品开发和产品质量管控等等。

The Xenon Weathering Test Chamber uses a xenon arc lamp that can simulate full sunlight spectrum to reproduce destructive light waves that exist in different environments. This enables the device to provide the corresponding environment simulations and acceleration tests for scientific research, product development and quality control.

技术参数 Technical Parameters

内箱尺寸 (W*D*H)	800*800*800mm	1000*1000*1000 mm
外箱尺寸 (W*D*H)	1450*1350*2150 mm	1650*1550*2350mm
内箱材质	304不锈钢, 防尘, 易清洗	
外箱材质	烤漆/不锈钢	
箱内湿度	光循环30%~50%RH、暗循环30%~95%RH(双温控制时为50%~90%RH)	
湿度均匀度	± 5%RH	
箱内温度	20℃~80℃, 可设定(双温控制时, 38℃或40℃ ± 3℃)	
黑板温度	30℃~95℃, 可设定(双温控制时, 65℃或63℃ ± 3℃)	
温度均匀度	≤ ±2℃	
滤光片	窗玻璃滤光片(标配)、日光滤光片、延展紫外线滤光片	
光源	水冷型全太阳能光谱长弧氙灯	
氙灯功率	1支6.5kW	
辐照强度	290~800nm波段550~1120W/m ² , 双温控制时辐照度:0.3~1.3W/m ² , 0.51 ± 0.02W/m ² (340nm)	
控制系统	LCD可编程控制器, 自动显示辐照度, 可设定100组程序, 每个程序含99个循环	
光照时间	1~999 Hours, Adjustable	
淋雨系统	喷水时间999分钟可调, 间断喷水时间1~240分钟可调	
淋雨喷嘴	直径: 0.8mm (回水带超精细过滤器防止喷嘴堵塞)	
试样架	转盘式试样架, 1~5R/min可调	
最大试样尺寸	200*90mm, 厚度<20mm, 片状试样	
试样与灯管距离	250~300mm	
氙灯寿命	1200小时	
电源	三相, AC380V 50Hz	
冷水机	6.5kW	
水塔规格	10RT、15RT、20RT...	
辐照量	自动演算累积辐照量并自动停机	

满足标准 Test Standard

GB/T16422.2, GB/T16259, GB/T29061, GB/1865, GB/18244, GB/T14522, ISO 4892-2, ISO11507, SAE J2527, SAE 242, ASTM G155, ASTM D4459, IEC 60068-2-5

Internal Dimension	800*800*800mm	1000*1000*1000 mm
External Dimension	1450*1350*2150 mm	1650*1550*2350mm
Internal Material Material	Stainless Steel 304, Anti-rust, Easy To Clean	
External Material Material	Paint Spray/ Stainless Steel	
Chamber Humidity Range	30%~50% RH (Light Cycle)30%~95% RH (Dark Cycle)	
Humidity Uniformity	± 5%RH	
Chamber Temperature	20℃~80℃, Adjustable	
Black Panel Temperature	30℃~95℃, Adjustable	
Temperature Uniformity	≤ ±2℃	
Filter	Standard configuration: window glass filter Optional: daylight filter, UV filter	
Light Source	Water Cooled Xenon Lamp	
Xenon Lamp Power	6.5kW*1pc	
Irradiance Strength	550~1120W/m ² @290~800nm, Adjustable 0.3~1.3W/m ² at double temperature control and 0.51W/m ² @340nm	
Control System	LCD Programmable Controller, Auto Display Irradiance, Capacity: 100 Groups Program, 99 Cycles	
Illumination Time	1~999 Hours, Adjustable	
Water Spray System	Water Spray Time 999 Minutes Settable Interval Spray Time, 1~240 Minutes Settable	
Water Spray Nozzle	Diameter: 0.8mm	
Sample Holder	Turntable Sample Rack, 1~5R/min	
Max. Sample Dimension	200*90mm Thickness<20mm	
Distance From Sample Holder To Lamp	250~300mm	
Xenon Lamp Lifetime	1200hours	
Power Supply	Three Phase, AC380V 50Hz	
Chiller	6.5kW	
Water tower specs	10RT、15RT、20RT...	
Irradiation	Automatic calculus accumulates irradiation and stops, can be customized	