

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.

技术参数 Technical Parameters

型号	HD-E711-1
内箱尺寸	750*500*600mm 800*800*800 mm 1000*1000*1000mm
外箱尺寸	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45%~95% RH、暗循环30%~95%RH可调
湿度均匀度	±5%HR
箱内温度	25℃~90℃, Adjustable
黑板温度	40℃~95℃, Adjustable
温度均匀度	≤±3℃
滤光片	日晒过滤器
光源	风冷长弧氙灯
氙灯功率	1.8KW * 3pcs = 5.4KW
辐照强度	290-800NM波段500-1200W/m ² , 可调
控制系统	LCD可程式控制器，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
水压	0.12 ~ 0.15kpa
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	1块304不锈钢试样架
试样与灯管距离	250-300mm
电源	三相，AC380V 50/60HZ

满足标准 Test Standard

ASTM G154, ASTM G155, IEC 60068-2-5, SAE J2412...

Model	HD-E711-1
Internal Dimension (W*D*H)	750*500*600mm 800*800*800 mm 1000*1000*1000mm
External Dimension (W*D*H)	1300*1000*1700mm 1450*1350*2150 mm 1650*1550*2350mm
Internal Chamber Material	Stainless Steel 304, Anti-rust, Easy To Clean
External Chamber Material	Cold-rolled Steel With Spray/ Stainless Steel
Chamber Humidity Range	45%~95% RH (Light Cycle) 30%~95% RH (Dark Cycle)
Humidity Uniformity	±5%HR
Chamber Temperature	25℃~90℃, Adjustable
Black Panel Temperature	40℃~95℃, Adjustable
Temperature Uniformity	≤±3℃
Filter	Daylight Filter
Light Source	Air Cooled Long Arc Xenon Lamp
Xenon Lamp Power	1.8KW * 3pcs = 5.4KW
Irradiance Strength	550~1120W/m ² @290-800nm, Adjustable
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 Pressure	0.12 ~ 0.15kpa
Water Spray Nozzle	Diameter: 0.8mm
Sample Holder	Stainless Steel 304, 1pc
Distance From Sample Holder To Lamp	250-300mm
Power Supply	Three Phase , AC380V 50/60HZ