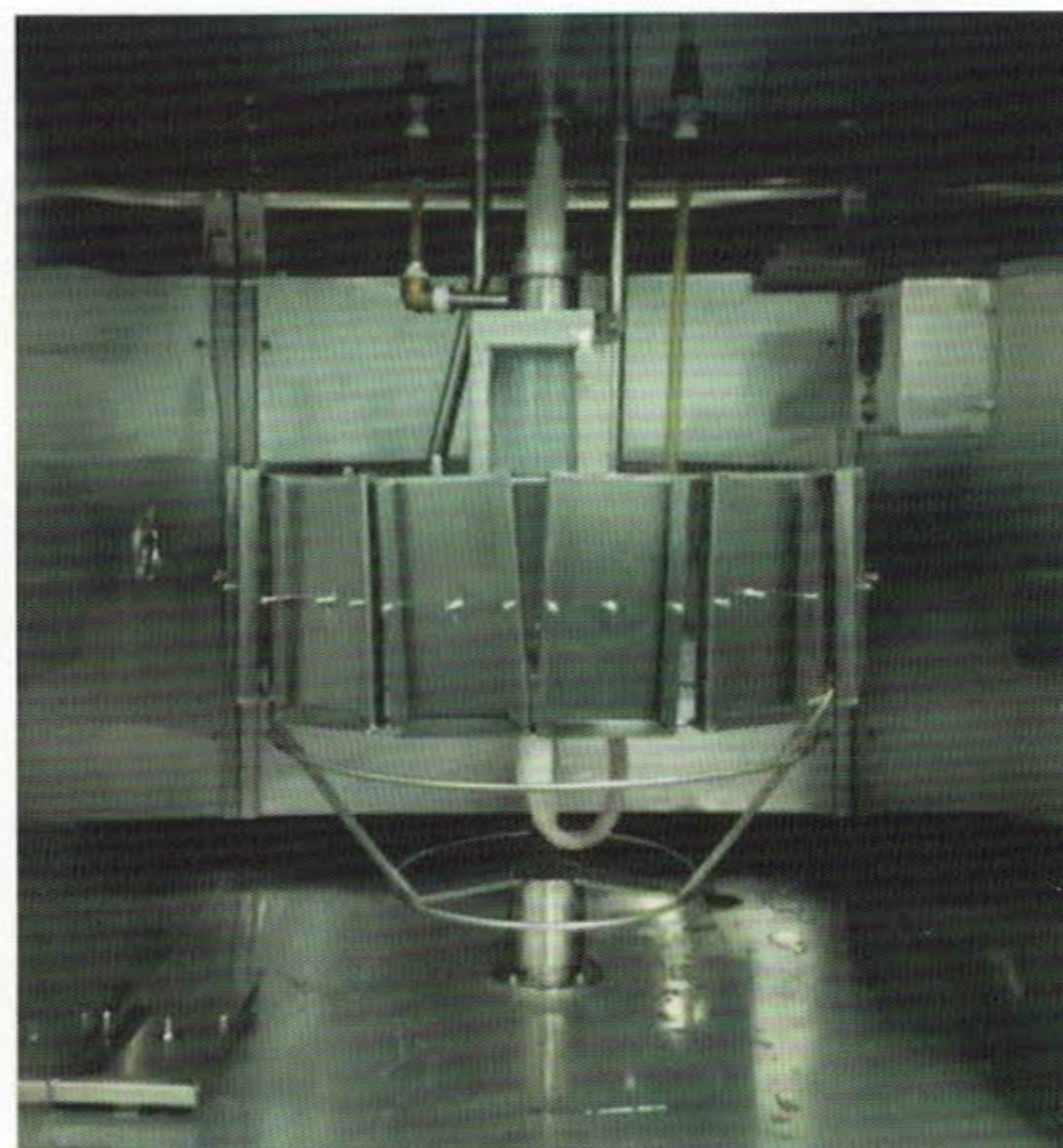


# XENON WEATHRING TEST CHAMBER (WATER COOLED)

## 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

氙灯耐候试验箱在大气中的含量很少却是橡胶龟裂的主要因素，臭氧老化箱模拟和强化大气中的臭氧条件，研究臭氧对橡胶的作用规律，快速鉴定和评价橡胶抗臭氧老化性能与抗臭氧剂防护效能的方法，进而采取有效的防老化措施，以提高橡胶制品的使用寿命。

This Machine Is Mainly Adopted For Rubber Products Testing Such As Vulcanized Rubber, Thermoplastic Rubber, Cable Insulation Sheathing Products, Intermittent Static Tensile Dynamic Tensile Deformation, Or Deformation Under Dynamic Stretching And Static Stretching Alternating, Confined To Light With Constant Ozone Concentration In The Air And Constant Temperature Chamber Exposed To Detection, Scheduled On The Specimen Occurred From The Specimen Surface Cracking Or Other Properties Of The Degree Of Change, Resistance To Ozone In Order To Assess The Rubber Aging Properties.

### 技术参数 Technical Parameters

型号	HD-E711-2	
内箱尺寸	800*800*800mm	1000*1000*1000 mm
外箱尺寸	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%可调	
湿度均匀度	±5% RH	
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	水冷式长弧氙灯	
氙灯功率	6.5KW*1pc=6.5KW	
辐照强度	290-800NM波段500-1200W/m <sup>2</sup> , 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	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	
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-E711-2	
Internal Dimension (W*D*H)	800*800*800mm	1000*1000*1000 mm
External Dimension (W*D*H)	1450*1350*2150 mm	1650*1550*2350mm
Internal Material Material	Stainless Steel 304, Anti-rust, Easy To Clean	
External Material Material	Cold-rolled Steel With Spray/ Stainless Steel	
Chamber Humidity Range	45%~95% RH (Light Cycle) 30%~95% RH (Dark Cycle)	
Temperature Uniformity	±5% RH	
Chamber Temperature	25℃~90℃, Adjustable	
Black Panel Temperature	40℃~95℃, Adjustable	
Temperature Uniformity	≤±3℃	
Filter	Daylight Filter	
Light Source	Water Cooled Xenon Lamp	
Xenon Lamp Power	6.5KW*1pc=6.5KW	
Irradiance Strength	550~1120W/m <sup>2</sup> @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	Turntable Sample Rack, 1-5R/min	
Max. Sample Dimension	200*90mm Thickness<20mm	
Distance From Sample Holder To Lamp	250-300mm	
Power Supply	Three Phase, AC380V 50/60HZ	