Product introduction:

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.

Technical parameters:

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| Model | HD-E711-2 |
| Internal Dimension (W\*D\*H) | 800\*800\*800 mm | 1000\*1000\*1000 mm |
| External Dimension (W\*D\*H) | 1450\*1350\*2150 mm | 1650\*1550\*2350mm |
| Internal material | Stainless steel 304 , anti-rust, easy to clean  |
| External material | Cold-rolled steel with spray/ Stainless steel |
| Chamber humidity range | 45%～95% RH (Light cycle)30%～95% RH (Dark cycle) |
| Humidity 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/m2@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 |

Design standard

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