

Xenon Test Chamber-SX/2200/H

The xenon arc test chamber is equipped with a rotating sample holder. It is often used for weathering and lightfastness testing of textiles. The effective exposure area is 2200cm² (11 sample racks can hold 22 samples of 150×70mm). Equipped with air-cooled lamps, the cost is lower, the efficiency is higher, and the maintenance is more convenient than water-cooled lamps. The utility model belongs to a multifunctional test chamber, and is a rotary drum type xenon test chamber with simple structure, reliable quality and convenient use.

Model rack rotary drum design

The sample rack is designed with a special drum structure and can rotate automatically to ensure that all samples get the same irradiation energy during the whole test process.

11 sample racks, can hold 22 samples of 150×70mm.



Parameter

| Model | SX/2200/H |
|--|--|
| Light Source | A 1.8KW air-cooled xenon lamp imported from the United States |
| Lamp Rated Life | The normal service life is about 1500 hours |
| Filter | Daylight filter (window glass filter or UV extension filter also available) |
| Effective Exposure Area | 2200cm ² (11 sample racks, can hold 22 samples of 150×70mm) |
| Irradiance Monitoring Method | 340nm or 420nm or 300nm ~ 400nm (show at the same time) |
| Irradiance Setting Range | 0 ~ 90W/m ² (300nm ~ 400nm) or 0.3 W/m ² ~ 0.75 W/m ² (@ 340nm) or 0.5 W/m ² ~ 1.35 W/m ² (@ 420nm) |
| Black Panel Temperature Setting Range | Chamber temperature ~ 100°C (slightly different depending on the external environment and the set irradiance) |
| Operation room Relative Humidity Control Range | 10% ~ 75% (when irradiated) ; 10% ~ 95% (During spray or dark cycle) |
| External Dimensions | 860mm×800mm×1770mm (Length x Width x Height) |
| Power Supply | Three-phase AC 380V, 50HZ; maximum current 16 A |
| The Maximum Power Of The Whole Machine | 5.5 KW |
| Humidification Gas Source | 0.3~0.8Mpa |

Ordering Information

- SX/2200/H--Xenon Test Chamber
- SX/340--Xenon lamp irradiance calibration meter (340nm)
- SX/300--Xenon lamp irradiance calibration meter (300nm-400nm)
- SX/2200/H/A--1.8 KW xenon lamp tube (imported from the United States)
- SX/420--Xenon lamp irradiance calibration meter (420nm)
- SX/2200/H/W50--Pure water system (50L/h; optional)

