

Photovoltaic ultraviolet aging test chamber

UV AGING TEST CHAMBER



WE PASSED THE ISO9001 INTERNATIONAL QUALITY CERTIFICATION



Main features

1. Meet test standard IEC 61215:2005 and ultra violet pretreatment test requirement under Ed.3 (CTL decision).
2. Adopt wide screen all-true colored controller and simple, clear interface, simple programming set and sufficient data storage method : SD card、S485、232 etc standard interface.
3. Excellent irradiation uniformity: within range $\pm 15\%$.
4. Adopt black aluminum board temperature sensor which makes the temperature more stable and accurate. Inside the chamber, there is a designed mobile temperature test holder which can test temperature of module back.
5. Adopt air cushion type low temperature gas-field control system and it can control module temperature between 55°C and 65°C .
6. After test, chamber can automatically give indicating signal and stop work automatically.
7. Adopt Q-PANLUVA and UVB light source imported from America and makes the life time longer.

Technical parameters:

	Model	SM-HQUV-20
Performance index	effective radiation area	2200X1200
	module surface temperature	60°C
	Fluctuation	$\pm 2^{\circ}\text{C}$

	Resolution	0.1°C
	wick distance	70mm
	I luminance	uniformity of tested surface of module is ±15%
	wind speed	0.5~1.0m/s
	wave length	275~400nm
	light source	Q-PANLUVA and UVB imported from U.S.A
Control system	control pattern	compelled cycling ventilate and BTC
	Heating pattern	nichrome electric-heating wire
	Controller	Touch screen controller
	Cycling system	Stainless steel multi-wing centrifugal rotor