

## Solar Climate Test Chamber



### Introduction

Solar Climate Test Chamber simulates the solar spectrum environment.

This type mainly used in the motor industries.

TCT Solar Climate Test Chamber mainly designed with the customers' details requirements.

### Using Areas

➤ Motor industries	➤ Science laboratory
➤ Medical institutions	➤ Research institutions
➤ Productive enterprises	➤ Others

### The advantages of TCT Solar Climate Test Chamber

➤ Famous PLC controller, easier to operate
➤ Using more famous components, the performance is better
➤ 1 year warranty period for machine + 3 years free providing for spare parts

### Production Standards

➤ GBT16422.3、GBT14522、GBT5170.9、GB16776.
➤ JIS D-0201、H-8502、H-8610、K-5400、Z-2371、ISO3768、3769、3770
➤ ASTM G154、ASTM G151

### Common Specifications

Internal Materials	SUS304 Stainless Steel
Temperature Range	+10℃ ~ +90℃
Temperature Fluctuation	±0.5℃
Temperature Uniformity	±1.0℃
Humidity Range	50% ~ 95%RH
Spectrum Range	280 ~ 300nm
Illumination Intensity	0 ~ 1120W/m2 (adjustable)
Irradiation Distance	800mm
Lamp	Air-cooled halogen lamp
Total Power	18 Kw
Cooling Way	Air Cooling Way

Control system	Controller	PLC controller
	Running mode	Fix or Program running
	Sensor	PT100
Safety function	Over-temperature protection	
	Electric leakage protection	
	Power phase protection	
	Over-current protection	
	Fuse protection	
	Water shortage protection	
	Ground protection	
Using environment	Temperature	≤+30℃
	Humidity	≤85% RH
	Atmosphere	86 ~ 106 kPa
Noise	≤65 dB	
Water source standard	Purified water	
Power supply standard	120V/220V/240V/380V/415V, 50Hz/60Hz, Single or three phases	

#### Standard Model

Model	Working Room Size (D×W×H)	Test Shelf Type	Cooling Way
<b>TYF-2B</b>	1200×1100×1650mm	Horizontal Shelf	Air Cooling

**If you have the more requirements, please contact us!**