



Anti-fog Coating Test Chamber

In view of the lack of effective testing equipment and evaluation methods for the anti-fog performance of anti-fog coatings at home and abroad, special equipment for anti-fog performance testing has been developed, and a more accurate, effective and highly feasible anti-fog performance testing and evaluation method has been established to meet the needs of domestic and foreign countries. The demands of anti-fog coating application units for advanced technical methods for anti-fog performance testing and evaluation.

The equipment is easy to operate, one-key start, fully automatic operation.

The temperature and relative humidity control of this equipment adopts PLC as the core control unit, which has high reliability and strong anti-interference, and realizes the intelligent control of temperature and humidity.



Technical Specification

Name	Anti-fog Coating Test Chamber
Type	XD-005/2FWTL-MF
Temperature/Humidity	Temperature Range: -20°C~RT°C (Low Temperature Area); 5°C~75°C (High Temperature Area)
	Humidity Range: 30%~95% RH (High Temperature Area)
Meter Resolution	Temperature: 0.1°C
	Humidity: 0.1%RH
temperature fluctuation	±0.5°C
Temperature Uniformity	≤1.5°C
Humidity Fluctuation	≤2%RH
Stable Schedule	Temperature stabilization time is less than 30min; Humidity stabilization time is less than 30min
Noise	≤55dB (A sound level), there will be no resonance sound on the box door and the equipment door

Equipment requirements

Equipment requirements	1. power supply : AC220V 50Hz
	2. maximum load capacity : 8.5KW
	3. Maximum current : 9A
	4. Power switch capacity : 32A
water supply	Please use purified water or distilled water, conductivity ≤10μS/cm ²

