

Walk Ins Test Room



Introduction

Walk Ins is the large type temperature and humidity test chamber, users can walk into working-room to place the specimens.

Walk Ins includes 1 working room and 1 controller cabinet.

Users can add vacuum function based on TCT Walk Ins.



Using Areas

- | | |
|--------------------------|-------------------------|
| ➤ Science laboratory | ➤ Universities |
| ➤ Medical institutions | ➤ Research institutions |
| ➤ Productive enterprises | ➤ Military fields |



The advantages of TCT Walk Ins Test Room

- High quality marine panel materials, the structure is more steadily
- Higher test precisions of temperature and humidity in large working room size
- Humanized observation window with light
- Using more famous components, the performance is better
- 1 year warranty period for machine + 3 years free providing for spare parts.



Production Standards

- GB/T2423.1-2001 GB/T2423.3-1993 GB/T2423.2-2001.
- IEC60068-3-5, IEC60068-2-03, MIL-STD-810F, MIL-STD-883C, JIS-C60068
- JESD22-A101-B-2004, JESD22-A103-C-2004, JESD-A119-C-2004

Common Specifications		
Internal materials	SUS304 stainless steel	
Middle materials	High quality thickness panel (With anti-deformation rigidity structure)	
External materials	High quality cold rolled steel sheet	
Temperature fluctuation	$\pm 2.0^{\circ}\text{C}$	
Temperature uniformity	$\pm 4.0^{\circ}\text{C}$	
Heating rate	$2.0\sim 3.0^{\circ}\text{C} / \text{min}$ (no-load)	
Cooling rate	$0.7\sim 1.0^{\circ}\text{C} / \text{min}$ (no-load)	
Humidity fluctuation	$\pm 2.0\%\text{RH}$	
Humidity uniformity	$\pm 4.0\%\text{RH}$	
Observation window	Non-condensation observation window with light	
Test hole	Stainless steel test hole, 1 set \times 50mm diameter	
Sealing material	Silicon rubber sealing ring	
Heat insulating material	PU FOAM + Glass fiber cotton	
Air supply system	Fan	Axial flow fan + centrifugal fan
	Circulation mode	Forced air circulation
Refrigeration system	Compressor	Compressor Group
	Refrigerant	R404A/R23
	Evaporator	Warped type evaporator
	Heat exchanger	BPHE
	Refrigerator oil	3GS/32H
	Cooling way	Water cooling way
Control system	Controller	PLC touch screen controller
	Running mode	Fix and Program running
	Program capacity	100 groups
	Section capacity	120 sections / group
	Sensor	PT100
Safety function	Over-temperature protection	
	Electric leakage protection	
	Power phase protection	
	Over-current protection	
	Fuse protection	
	Over-pressure protection for compressor	
	Over-heating protection for compressor	
	Over-current protection for compressor	
	Water shortage protection	
	Ground protection	
Using environment	Temperature	$\leq +30^{\circ}\text{C}$
	Humidity	$\leq 85\%\text{RH}$

	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(W×D×H)	Temperature Range	Humidity Range
Room-8cbm	2000×2000×2000mm	-40 ~ +100℃	20% ~ 98% R.H
Room-12cbm	2000×3000×2000mm		
Room-16cbm	2500×3200×2000mm		
Room-20cbm	2500×4000×2000mm		

If you have the more requirements, please contact us!