

Medicine Stability Test Chamber



Introduction

This type is mainly used in medicine production, research and application areas.

The strength of medicine stability chamber is long time continuous running without faults.

Users can choose the suitable recorder and illumination functions.

Using Areas

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|-----------------------------------|------------------------|
| ➤ Pharmaceutical factory | ➤ Medical Institutions |
| ➤ Medical colleges | ➤ Hospitals |
| ➤ The quality inspection agencies | ➤ Others |

The advantages of TCT Medicine Stability Test Chamber

- PLC program touch screen controller, program setting and auto-running functions
- Long time continuous running without faults
- Optional illumination function
- Optional recorder and mini-printer
- 1 year warranty period for machine + 3 years free providing for spare parts.

Production Standards

- GB/T5170.5-2008、GB/T10586-2006、GB/T2423.1-2008、GB/T2423.2-2008、GB/T2423.3-2006
- 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	
External materials	High quality cold rolled steel sheet	
Temperature Range	+10℃ ~ +65℃	
Temperature fluctuation	±0.5℃	
Temperature uniformity	±1.5℃	
Heating rate	2.0~3.0℃ / min (no-load)	
Cooling rate	1.0~2.0℃ / min (no-load)	
Humidity Range	30% ~ 95% RH	
Humidity fluctuation	±2.0%RH	
Humidity uniformity	±3.0%RH	
Illumination intensity	0 ~ 6000 Lux (Adjustable) Just for "S" and "SP" series	
Illumination deviation	≤ ± 500 Lux	
Observation window	Non-condensation observation window with light	
Test hole	Stainless steel test hole, 1 set × 50mm diameter (Option)	
Test shelf	Stainless steel test shelf, 2 pieces (height-adjustable)	
Movement wheel	4 sets movement wheels (fixation function)	
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	Hermetic compressor
	Refrigerant	R404A
	Evaporator	Warped type evaporator
	Heat exchanger	BPHE
	Refrigerator oil	3GS/32H
	Cooling way	Air cooling way
Control system	Controller	Famous digital controller or PLC controller

	Running mode	Program and Fix running
	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	≤+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)	Controller Type	Illumination
YP-150	405×600×620mm (150.6 Liters)	Digital Controller	0 ~ 6000 Lux
YP-250	600×500×830mm (249 Liters)		
YP-500	700×800×900mm (504 Liters)		
YP-1000	1000×1000×1000mm (1000 Liters)		
YP-150P	405×600×620mm (150.6 Liters)	PLC Program Controller	
YP-250P	600×500×830mm (249 Liters)		
YP-500P	700×800×900mm (504 Liters)		
YP-1000P	1000×1000×1000mm (1000 Liters)		
YP-150S	405×600×620mm (150.6 Liters)	Digital Controller	
YP-250S	600×500×830mm (249 Liters)		
YP-500S	700×800×900mm (504 Liters)		
YP-1000S	1000×1000×1000mm (1000 Liters)		
YP-150SP	405×600×620mm (150.6 Liters)	PLC Program Controller	
YP-250SP	600×500×830mm (249 Liters)		
YP-500SP	700×800×900mm (504 Liters)		
YP-1000SP	1000×1000×1000mm (1000 Liters)		
If you have the more requirements, please contact us!			