

Ozone Aging Test Chamber



Introduction

Ozone is the major factor of rubber aging and cracking

TCT ozone aging test chamber can simulate the ozone environment, in order to test the aging quality of rubber

Users can adopt measures to prevent aging of rubber.

Using Areas

- | | |
|--------------------------|-------------------------|
| ➤ Science laboratory | ➤ Universities |
| ➤ Medical institutions | ➤ Research institutions |
| ➤ Productive enterprises | ➤ Others |

The advantages of TCT Ozone aging test chamber

- TCT Ozone aging test chamber is used with high quality ozone generator
- The rotation specimens shelf is used with high quality stainless steel, long time using life
- Program PLC touch screen controller, the testing functions are powerful
- TCT Ozone aging test chamber has "Dynamic stretch" and "Static stretch" test ways
- 1 year warranty period for machine + 3 years free providing for spare parts

Production Standards

- GB/T7762-2003、GB/T2951.21-2008, GB2423.22-87, GB2423.2-89, GB2424.1-89.
- IEC 60068-2-42/43 , NSS, SS, ASS, CASS
- ASTM B-117、ASTM B-268 B-268、GB-T2423、GJB150

Common Specifications

Internal materials	SUS304 stainless steel
External materials	High quality cold rolled steel sheet
Ozone concentration	0 pphm ~ 500 pphm (10 pphm ~ 1000 pphm option)
Read resolution	≤ ± 10%
Air flow	0 ~ 5 Liter / hour
Ozone generator	Silent discharge ozone generator
Temperature fluctuation	±0.5℃

Temperature uniformity	±2.0℃	
Heating rate	2.0~3.0℃ / min (no-load)	
Observation window	Non-condensation observation window with light	
Test hole	Stainless steel test hole, 1 set × 50mm diameter	
Test shelf	Rotation test shelf with stainless steel materials	
Ratation speed	1 ~ 10 rotations / min	
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
Control system	Controller	PLC touch screen controller
	Running mode	Fix and Program running
	Program capacity	100 groups
	Section capacity	120 sections / group
	Sensor	PT100
	Connect Port	RS232 communication port
Safety function	Over-temperature protection	
	Electric leakage protection	
	Power phase protection	
	Over-current protection	
	Fuse protection	
	Water shortage protection	
	Ground protection	
Noise	≤65 dB	
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	Air Source
CY-100L	450×450×500mm (100 Liters)	Rt + 10 ~ +60℃	Air / Oxygen
CY-225L	500×600×750mm (225 Liters)		
CY-500L	800×700×900mm (500 Liters)		
CY-1000L	1000×1000×1000mm (1000 Liters)		

If you have the more requirements, please contact us!

