

HY-LY-CY80 Ozone Test Chamber



Instructions:

Ozone aging test chamber is mainly suitable for polymer materials and products (rubber) of the resistance to ozone aging performance test. Ozone content in the atmosphere is very low, but it is the main factors of polymer materials aging. Ozone aging test chamber simulating and strengthen the ozone condition in the atmosphere, get approximate to actual use or reproduction of the test results in a short time. The study of ozone effect regulation to rubber products, quickly identify and evaluate rubber materials resistance to ozone and antiozonant protection efficiency method, and then take effective aging proof measures to improve the service life of rubber products.

Corresponding standards: JIS K 6259 , ASTM1149 , ASTM1171, ISO1431, DIN53509 , GB/T13642, GB/T 7762-2003, GB 2951

Characteristics:

Equipment by the occurrence of silent and efficient ozone generator ozone gas, and a certain amount of air processed, the switch in the mixture into the chamber, the continuous line UV detector to detect the concentration of ozone, ozone generator control feedback to the systems to control system settings according to the occurrence of effective control of ozone to the ozone chamber to maintain the appropriate concentration of work by heating humidification systems to meet all the test conditions.

Applicable industries:

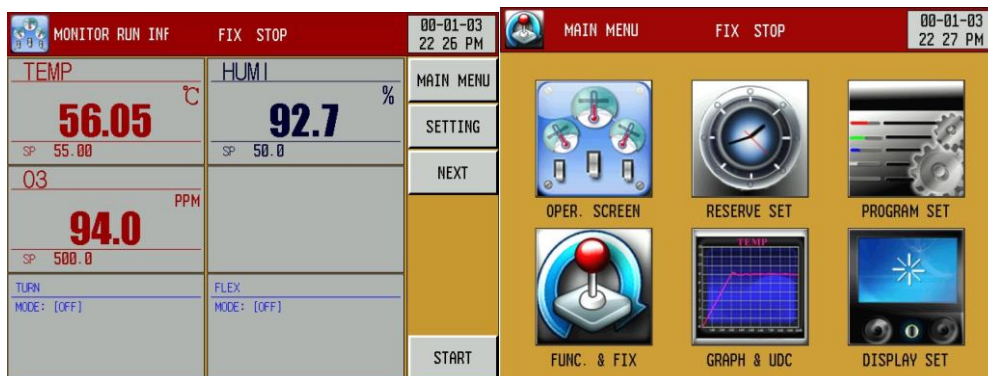
It is widely used to control products quality in measuring quality control; Rubber & Plastics; automobile production; wire and cable; packing materials; instruments and meters; medical equipment; civilian nuclear energy; civil aviation; colleges and universities; research laboratories; inspection arbitration, and technical supervision departments and other rubber products.

Safety device:

1. Power overload, short circuit protection
2. Grounding protection
3. Water protection
4. In order to protect the equipment, all alarm will automatically cut off the power supply, and an audible tip.

Environmental conditions:

1. The temperature: 15 °C ~ 35 °C
2. Relative humidity: no more than 85% RH
3. No around strong vibration, no strong electromagnetic field effect
4. No dust and high concentration around the corrosive substance
5. No direct sunlight or other heat source direct radiation
6. Around without strong airflow, when the surrounding air need compulsory stream.
7. Test box should be placed smooth, maintain a level.
8. Test box around the there shall be a certain distance, convenient maintenance operation



Model	HY-LY-CY-80	HY-LY-CY-150	HY-LY-CY-225	HY-LY-CY408	HY-LY-CY-800	HY-LY-CY-1000
Inner size W*H*D(cm)	40*50*40	50*60*50	50*75*60	60*85*80	80*100*100	100*100*100
Outer size W*H*D(cm)	85*140*95	95*150*115	95*165*115	105*175*135	145*190*135	155*195*150
Inner material	SUS 304 stainless steel					
Outer material	SPCC Painted					
Temperature range	RT+10°C~70°C					
Temperature deviation	±0.5°C(no load)					
Temperature uniformity	±2°C(no load)					
Ozone concentration range	10~1000ppm					
Ozone concentration deviation	10%					
Ozone flow rate	12~16mm/s					
Sample shelf roating speed	20~25mm/s					
Controller	touch screen programmable controller					
Ozone generator	using voltage silent discharge tube produce ozone					
Power	AC 220V 50HZ					

