

Ozone Aging test chamber



Ozone aging test chamber: This product series are mainly used to evaluate the ozone aging resisting performance of rubber and the protective efficacy of the antiozonant so as to take the effective ozone-aging resisting measures to extend the life span of the rubber products. The whole ozone generating and capture process is performed in an airtight loop, which guarantees the safety of people. Static strain and dynamic strain are both considered. And an interface with the conventional chemical test of ozone concentration is provided to help with the analysis and test.

Application

This series is applicable for the aging cracking test of non-metal materials and rubber products.

Chamber Structure

The inner bladder of the chamber is made of imported hi-class stainless steel plate while the outer bladder is made of A3 steel plate sprayed with plastic. Heating is obtained via heating body, ensuring fast temperature rise and equal temperature distribution. **A 360 rotating sample rack is inbuilt.** The heating mode adopts inner bladder trough type heating with its rapid temperature rise and even temperature distribution.

Specs & Technical Parameters

Model	AOC-150	AOC-250	AOC-500	AOC-010
Workroom dimensions (cm)	50*50*60	50*60*75	70*80*90	100*100*100
Exterior dimensions (cm)	115*90*165	120*110*190	135*128*210	165*148*220
Power	4.0(KW)	4.5(KW)	4.5(KW)	6.5(KW)
Temperature range	0℃~70℃			
Humidity range	≥65%R.H			
Ozone density	50~1000 pphm			
Temperature fluctuation	±0.5℃			

Statement:

1. Apart from the types listed above, we can design and manufacture the non-standard products according to the specific requirements of the customers.
2. Any change in the design of products due to the development of technology is subject to no further notification.