



**YUYANG INDUSTRIAL CO., LIMITED**

China Manufacturer of Fire Testing Equipment

**ASTM 1149 ISO 1431 Ozone Aging Test Chamber To Test Rubber Products**





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **JIS K 6259 ASTM1149 ASTM1171 ISO1431 DIN53509 GB/T13642 GB/T 7762-2003GB 2951**
- Model Number: **YY1012**

- **Payment & Shipping Terms:**

- Minimum Order Quantity: **1 set**
- Price: **Negotiation**
- Packaging Details: **Plywood Box**
- Delivery Time: **15-20 work days**
- Payment Terms: **T/T L/C Western Union**
- Supply Ability: **2 sets per month**
- Share to :

## **ASTM1149 ISO1431 Ozone Accelerated Weathering Tester To Test Rubber Products**

### **1. Product introduction**

Rubber Stainless Steel Ozone Accelerated Weathering Testing Chamber is a major factor in rubber cracking although it is rare in the atmosphere,Rubber Stainless Steel

Ozone Accelerated Weathering Testing Chamber simulates and enhance the condition of ozone in the atmosphere to study the effects of ozone on rubber, and then identify and evaluate the method to resist ozone and aging for rubber, adopt effective anti-aging measures to enhance the life of rubber products.

## **2. Main function**

Rubber Stainless Steel Ozone Accelerated Weathering Testing Chamber Can be used to test rubber products with static tensile deformation, such as vulcanized rubber, thermoplastic rubber, cable insulating bush; expose the test specimens to the sealed air in the test chamber without light and with constant ozone concentration and constant temperature according to predetermined time, and then observe the cracks on test specimens' surface and the degree of change of other properties to evaluate the rubber's ozone aging resistance properties.

## **3. Main feature**

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.

## **4. Corresponding standard**

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

## **5. Applicable industries**

Rubber Stainless Steel Ozone Accelerated Weathering Testing Chamber 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.

## 6. Technical parameter:

Model	YY1012
Internal dimension (WxDxH)	500x600x500 mm (150L)
External dimension (WxDxH)	1000x1000x1750 mm
Temperature range	RT+10~ 60°C (suggest to use 40°C±2°C)
Temperature Fluctuation	±1°C
Ozone concentration	50~1000 pphm, adjustable
Ozone concentration deviation	±10%
Sample holder	2pcs removable sample tray, SUS#304 stainless steel
Temperature controller	Programmable touch screen controller
Ozone concentration analysis	Concentration analysis meter
Ozone generator	High pressure silence discharge type
Protection system	Leakage, short circuit, over temperature, over heat

