

## Steam Aging Test Chamber



### Introduction:

Steam aging test chamber is a device used for material aging performance testing. It accelerates the aging process of materials by simulating a high-temperature and high-humidity environment, thereby assessing their durability and stability in actual use. It is widely applied in industries such as electronics, automotive manufacturing, aerospace, building materials, and rubber and plastics.

### Features:

- \* Both the inner and outer chamber are made of high-quality 304 stainless steel.
- \* Equipped with water shortage protection, overheating protection, and safety warning light.
- \* Automatic water replenishment system activates when water level is low.
- \* There are three test chambers that can conduct tests simultaneously.

### Technical Parameters:

Model	BK-SA-500
Heating System	U-shaped stainless steel heating tube
Control Function	PID + SSR, digital display
Heating Up Time	About 45min (RT~97°C)
Temp. Accuracy	±1°C
Temp. Uniformity	±1°C
Steam Temperature	97°C
Humidity Range	≥97±3%
Timing Function	1~9999h/m/s (With timer alarm function, power off upon time completion)
Power	2000W
Power Supply	AC 100~240V, 50/60Hz
Test Chamber Size(W*D*H)	100*35*280mm*3
Internal Size(W*D*H)	500*170*400mm
External Size(W*D*H)	730*500*570mm
Package Size(W*D*H)	850*600*660mm
Net Weight	22kg
Gross Weight	48kg

Note: The device heats up relatively slowly at 110V. To achieve rapid heating, an external transformer can be optionally equipped.