

SR-LT-6009A AGING TESTING MACHINE

TECHNICAL PARAMETER

- Model No. SR-LT-6009A
 Power 1 φ, AC220V, 19.5AC
- ◆ Inside size(L*W*H): 50×50×60cm
 - ◆ Volume: 91×55×100cm
 - ◆ Temperature: room temp ~ 200℃
 - ◆ Temperature resolution: 0.1 degree
 - ◆ Accuracy : ±1 degree
 - ◆ Timer: 0-999H、memory-type with buzzer
 - ◆ Control mode: Automatic calculation controller
 - ◆ Wheel speed: Dia.45cm、 10R.P.M. ±2R.P.M
 - ◆ UV lamp: UV300W
 - ◆ Heating: hot loop
 - ◆ Protection: EGO over-temperature guiding light, overload switch ammeter
 - ◆ Material: inside SUS#304 stainless steel, outside high-level paint
 - ◆ Weight: 87kg



EQUIPMENT SUMMARY

This machine is to promote the deterioration of vulcanite, and then to calculate the change rate of tensile and elongation. But also the role of ultraviolet radiation to simulate sun and heat, the specimen in the machine in the desks by ultraviolet radiation and temperature effects, over time, observed the extent of the sample resistance to yellowing,discoloration of gray scale can be used as a reference,to determine its yellowing level.Product in the course of radiation or by sunlight during transport, the impact of the container environment change in color caused by the occurrence of the defective product in this machine using the UV lamp 300W, so that experiments can be completed in a shorter time, this machine can be used as the basicresistance to yellowing test, also when the aging test machine and oven use,showing a multi-function machine This machine is equipped with forced hot air circulation control system to ensure uniform temperature distribution.

CORRESPONDING STANDARD

CNS-3556、 JIS-K6301、 ASTM-D2436、 ASTM D1148

FUNCTION

This machine can do two kinds of tests: aging and yellowing resistance

Aging:

This machine is promoting the deterioration of vulcanized rubber to calculate the rate of change of tensile force and elongation before and after heating. It is generally considered that testing at 70 °C for one day is theoretically equivalent to six months of exposure to the atmosphere.

Anti-yellow:

This machine simulate atmospheric environment which driven by the sun ultraviolet radiation.Generally consider being tested 9H in the 50 degree is theoretically equal to 6 months exposed at the outside atmosphere.

APPLICATION

It is widely used in paint, resins, plastics, printing and packaging, aluminum, adhesives, auto, cosmetics, metals, electronics, electroplating, medicine, etc.