
UV Aging Test Chamber

EQUIPMENT DETAILS



Internal chamber



controller panel

GENERAL SPECIFICATIONS

Packaging Dimensions: (W*D*H): 134*90*153cm

Power supply source: single-phase, 220V±10%, 50Hz (can be appointed)

Gross Weight: 170kg

STANDARD FEATURES

| Item | Specification |
|------------------------------|--|
| Internal chamber size(W*D*H) | 50*50*60cm |
| External chamber size(W*D*H) | 114*74*130cm |
| Temperature Range | Ambient Temperature~200℃ |
| Control Mode | Automatic Calculation Controller |
| Temperature display accuracy | 0.1℃ |
| Control accuracy | ±3℃ |
| Distribution accuracy | ±1℃ (ambient ~ 100℃) |
| Time memory | 0-999 hours, Power Failure Memory Type, with Buzzer |
| Sample holder rotation speed | Diameter 45cm, 10±2 roll/min |
| UV light source | 300W UV lamp |
| Standard Accessories | Sample shelf x 2pcs |
| Heating method | Hot air circulation |
| Security devices | Over-temperature power-off indicator light; Safety overload switch ammeter |
| Chamber material | Internal: Stainless Steel SUS304; External: Steel plate with baking varnish |
| Accessory | 1 x English operation manual, 1 x Operation video CD |

APPLICATIONS

- The machine can do two tests: **anti-yellowing and aging**.
- Anti-yellowing: to stimulate the environment condition, driven by the sun ultraviolet radiation. It's generally thought that the appearance change at 50℃ for 9 hours, in theory as exposed to atmosphere for 6 months.
- Aging: it can promote the increase of sulfur rubber deterioration so as to calculate the change rate of tensile and elongation before and after heat. Its generally thought that test for one day at 70C, in theory as exposed to the atmosphere for 6 months.