



YUYANG INDUSTRIAL CO., LIMITED

China Manufacturer of Fire Testing Equipment

**Stability Environmental Test Chamber ASTM D3451 / ASTM D1148 Xenon Arc
Weatherometer**





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **ISO11341 ASTM D1248 ASTM D3451 ASTM D1148**
- Model Number: **YY1022**

- **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 :

ISO11341, ASTM D1248, ASTM D3451, ASTM D1148 Xenon Weathering Aging Test Chamber

Applications:

is widely used in rubber, plastics, paints, coatings, chemical, automotive, textile and other industries products and materials for simulation of solar radiation, light color fastness to perspiration fastness and light aging test, through the simulation of light, rain, spray, alternating dark and light, temperature and humidity climate conditions, to determine the material products fading, aging, turn back, transmittance, peeling, hard, softening property changes.

Standards:

Textile: GB/T8430 GB/T12831 GB/T14576 GB/T8427 GB/T1189 GB/T9344 GB 150.7 GB/T16422.1 GB/T1865 GB/T2423.24.

Wood-based Panel: AATCCTM16 ASTM G26 ASTM D2565 ASTM D4459 ASTM D6695 ASTM G155 SAE J1885 SAE J2412 SAE J2212 SAE J1960 SAE J2527 AATCC169;

Automatic Interior: ISO4892 ISO03917 ISO11341 ISO 4892-2;

Leather: PV 1303 PV 3929 PV 3930 DVM 0067- MA HES D6601 NES M0135 TSL 0601G GMW3414 EDS-T-7415 D47 1431.

Main technical parameters:

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|--------------------------------------|---|
| Model | YY1022 |
| Test compartment temperature control | 30~70°C; Resolution: 0.1 °C |
| Humidity control test | humidity: 10-75% RH, humidity fluctuations $\pm 3\%$ RH; dark cycle : 10-95% RH, humidity fluctuate $\pm 5\%$ RH; |

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| Time control experiments | 0min~999:59h,Accuracy ± 1 min |
| Irradiance control | 1.00-1.30W/m ² /420nm Accuracy: ± 0.02 W/m ² /420nm;digital set, automatic compensation. |
| Control and monitoring wavelength | Optional 340nm, 420nm ,300-400nm ,300-800nm band |
| Xenon arc lamp power | 2.5KW |
| Sample holder rotation speed | 1rpm can be set |
| Diameter distribution of sampleclip | $\phi 500$ mm |
| Maximum exposure area | 3500cm ² |
| Sample holder can be mountedwith the number of dimensions | 145 × 75mm model 25; 145 × 45mm model 35 |
| Timing of each sample holder respectively | ≤ 10000 h |
| Sunlight cycle | ≤ 10000 h |
| Spray cycle | ≤ 10000 h |
| Blackboard temperature range | (BPT) 30-90°C ± 2 °C;(BST) 35-95°C ± 2 °C |
| Display control | 10.4-inch touch screen |
| Data Output | Digital color display (A4 print in English optional) |
| Sample holder type | Single |
| External circulating waterrequirements | Water pressure :140-1345kPa Flow: 1.0L/min |
| Requirements within therecycled water | High water flow: 0.5L/min |
| Power supply | AC220V $\pm 5\%$ 50Hz 10KW |
| Dimensions | 1250×830×1800mm |
| Weight | 350kg |

