



**YUYANG INDUSTRIAL CO., LIMITED**

China Manufacturer of Fire Testing Equipment

**Automobile Parts Environmental Test Chamber Sand And Dust Chamber With LED Light**





- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **UL CE ISO**
- Model Number: **YY1013**

- **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 :

## LED Light Sand and Dust Testing Machine Environmental Test Chamber

### Product Description:

The Microcomputer Controlled LED Light Sand and Dust Testing Machine is used for dust-proof and dust resistance experiments for various automobile parts. The main test parts include lights, instrumentation, safety belt, seat regulator, electric dust cover, steering gear shaft and locks, testing it's dust resistance and movement safety.

### Features:

1. Formed using CNC machining box, nice shape, and no reaction by the handle, easy to operate.
2. Imported high grade stainless steel inner tank (SUS304) mirror panels, use of A3 steel box outside the gall spray, increasing the appearance of the texture and cleanliness.
3. Equipment containing dust vertical circulation of air, dust can be reused for testing; device itself has a good sealing performance, test, laboratory test can clearly observe the situation; device equipped with a vacuum system to meet the needs test; equipment dust the bottom of the device can be replaced.
4. Large observation window with bright lights to keep the box, and use of tempered glass embedded heating element, at any time a clear observation box condition.
5. Test with 50mm diameter holes for the external test power line or signal line.

### Technical Parameters:

Item	Specification
Inner chamber size	120 * 120 * 120cm
External size	170 * 150 * 190cm (approx.)
Air pressure	86~106kpa
Studio temperature	RT~60'C, adjustable

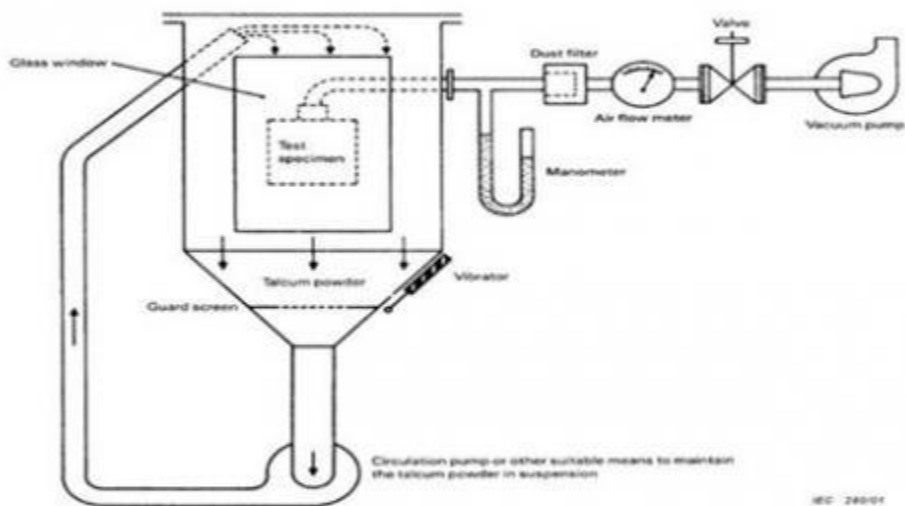
Amount of talcum powder	2kg per cubic meter of the test chamber volume Can not have been used for more than 20 tests
Powder type	Talcum powder
Aspirator flowing quantity	0~6L/min
Pressure tolerance	0~2kpa
Metal net size	Wire diameter 50um, width of a gap between wires 75um
Testing time	0~999h88m99s, adjustable
Blower	Centrifugal fan
Blowing dust cycle	Interval control, adjustable
Chamber material	SUS#304 stainless steel
Door material	Tempering glass
Control interface	LCD touch screen
Vacuum system	Pressure gauge, air filter, Pressure regulating FRL, connecting pipe, Vacuum pump
Weight	400kg
Power supply	AC380V, 50/60Hz, three phase

### Chamber Structure:

- 1, Chamber material: SUS#304 stainless steel;
- 2, Transparent window is convenient to observe specimen during testing;
- 3, Blow fan adopts stainless steel shell, high sealing and wing speed, low noise;
- 4, Inside the shell is the funnel type, vibration cycle can be adjusted, dust free float in the sky falling to blowing the hole together.



**Design of test device as per IEC 60529 – IP6X:**



IEC 24001

NOTE See IEC 60068-2-68, figure 2 valid for La2 only.

**Figure 2 – Test device to verify protection against dust (dust chamber)**