



**YUYANG INDUSTRIAL CO., LIMITED**

China Manufacturer of Fire Testing Equipment

## Low Noise Environmental Test Chamber IP1 / 2/ 3 / 4-1000 Rain Test Chamber



- **Product Details:**

- Place of Origin: **China**
- Brand Name: **YUYANG**
- Certification: **GB242338-90GB4706.32-2004 IEC-5129**
- Model Number: **YY1019**

- **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:
- Share to :

# Low Noise Rain Environmental Test Chamber , IP1/2/3/4-1000 Rain Test Chamber

## Product Information:

This equipment can be use to inspect the ability of electrical product shell protect product and accessories to rain. This equipment can simulate drip water, spray water and splashing water environment with technical design. Intelligent control system and frequency conversion technology allow to adjust the rotate angle of sample support, angle of oscillating tube, and flow rate and flexing speed.

## Technical parameters:

1. Volume(mm):1000×1000×1000(D×W×H)  
Dimension(MM): 1200×1500×1950(D×W×H)
2. Turntable Rotate speed(rpm):1 ~5adjustable,table diameter:500MM,can tilt 15°,height 200mm adjustable.
3. Oscillating tube radius(mm): 400
4. Oscillating tube flexing angle:45°, 90°, 180°(close to)  
(1) Nozzles angle:120°(IPX3),180°(IPX4).  
(2) Flexing angle:120°(IPX3),320°(IPX4)
5. Nozzles aperture(mm):φ0.4
6. Nozzles distance(mm):50
7. Flow rate per hole:0.07 L/min +5%
8. Pressure(Kpa):80-150
9. Oscillating tube flexing angle:max. ±180°(close to)
10. Flexing speed:IPX3 one complete oscillating (2\*120°) being about 4S ; IPX4 one complete oscillating (2\*175°) being about 12S ; Adjustable.
11. IP12:aperture 0.4MM, holes distribution 20\*20MM.Drip area 800\*800MM,drip height 120MM  
(1)flow rate: 1+0.5mm/Min,3+0.5mm/Min or set(digital control technology) ;  
(2)IPX2 test, turntable tilt 15° and rotate automatically ensure four faces be rained 150s.  
(Auto or manual)
12. Test time:1-999,999min(set)

13. Pressure:80~150Kpa(adjustable)
14. Distance from sample to drip box is 200mm, after test, put sample in room temperature for 24 hours and check its function
15. Stainless steel shell, tempered glass viewing window
16. Suitable turntable (sample support), rotate speed adjustable
17. Power:one set build in 12V /24V waterproof plug
18. Driver:Panasonic 750W servo motor (low noise, high precision)
19. Control system:Teelong touchscreen control system
20. Power supply: 220V 50Hz
21. Reference standard: GB2423,38-90,GB4706.32-2004 IEC-5129

**Structure:**

1. SUS304 liner
2. SUS304 shell
3. sample support is a rotating speed adjustable turntable

**Protection:**

Overload protection, short-circuit protection

Grounding protection

Water shortage protection

Alarm warning

Parameter page			
Autop		Manual	
Set time:	0 H 0 Min	Backward	Forward
Run time	0 H 0 Min	Turntable	Water pump
Free angle	IP-X3	0.0 R/Min	
IP-X4			
Parameters: Angle	0 Degree	Manual speed	Angle
Speed	0 R/Min	Speed 0 R/Min	0 Degree
Start	Stop	Origin	Home

### Operate Interface

Set time: <input type="text" value="0"/> H <input type="text" value="0"/> Min	Running status: <input type="text" value=""/>
Run time: <input type="text" value="0"/> H <input type="text" value="0"/> Min	<input type="checkbox"/> pump <input type="checkbox"/> Turntable <input type="checkbox"/> IP-X3 <input type="checkbox"/> IP-X4
Status: <input type="text" value="Running. . ."/>	Motor speed: <input type="text" value="0.0"/> R/Min
Parameters:	Internal state:
Angle SV: <input type="text" value="0"/> Degree PV: <input type="text" value="0"/> Degree	<input type="checkbox"/> S0 <input type="checkbox"/> S1 <input type="checkbox"/> S2 <input type="checkbox"/> S3 <input type="checkbox"/> S4 <input type="checkbox"/> S5 <input type="checkbox"/> S6 <input type="checkbox"/> S7
Speed: <input type="text" value="0"/> R/Min	<input type="checkbox"/> S8 <input type="checkbox"/> S9 <input type="checkbox"/> T0 <input type="checkbox"/> T1 <input type="checkbox"/> T2 <input type="checkbox"/> T3 <input type="checkbox"/> T4 <input type="checkbox"/> T5
<input type="button" value="Run"/>	<input type="button" value="Stop"/>
<input type="button" value="Origin"/>	<input type="button" value="Catalog"/>