

## Multi-Level Waterproof Testing Rain Test Chamber with 304 Stainless Steel Construction and 7-Inch Touch Screen for IPX1-IPX6 Testing

Our Product Introduction

for more products please visit us on [raintestchambers.com](http://raintestchambers.com)

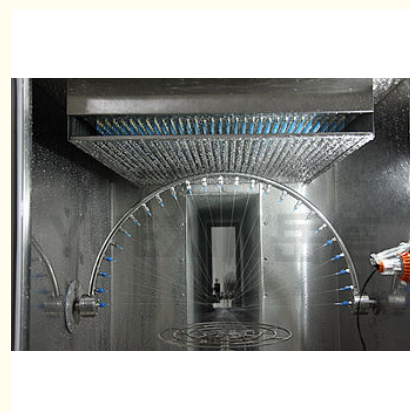
### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: YUEXIN
- Model Number: YX-IPX16BS-R400
- Minimum Order Quantity: 1
- Price: \$94,837.05-111,573



### Product Specification

- Model: YX-IPX16BS-R400
- Test Chamber Size: 900mm\*900mm\*1050mm (L\*D\*H)
- External Size: 1350mm\*3700mm\*1920mm (L\*D\*H)
- Lower Turntable Diameter: 600mm
- Upper Table Diameter: 400mm, 200mm
- Max Turntable Load: 50KG
- Turntable Lift Height: 450-800 Mm
- Turntable Tilt: 0° Or 15°
- Turntable Speed: 1-5r/min
- Turntable Rotation Mode: Continuous Forward Rotation/alternating Forward And Reverse Rotation/intermittent Rotation
- Testing Time: 0-999 Min
- Machine Weight: About 300kg
- IPX1/2 Rainfall: 1~1.5mm/min (IPX1); 3~3.5mm/min (IPX2)
- IPX3/4 Rainfall: 4~4.5mm/min (IPX3); 4~4.5mm/min (IPX4)



### More Images



## Product Description

### Multi-Level Waterproof Testing Machine for Police Car Lamps

This comprehensive testing device evaluates the waterproof performance of electronic and electrical products, lamps, cabinets, automotive components, and more under simulated weather conditions including rain, splashing, and water spraying. The test results help verify product durability and compliance with industry standards.





### Equipment Functionality

Designed to test physical and related performance characteristics of products under simulated weather conditions, this machine helps determine whether products meet required specifications for design improvement, verification, and quality control.

### Technical Specifications

| Basic Parameters         |                                                             |
|--------------------------|-------------------------------------------------------------|
| Model                    | YX-IPX16BS-R400                                             |
| Test Chamber Size        | 900mm × 900mm × 1050mm (L×D×H)                              |
| External Size            | 1350mm × 3700mm × 1920mm (L×D×H)                            |
| Lower Turntable Diameter | 600mm                                                       |
| Upper Table Diameter     | 400mm, 200mm                                                |
| Max Turntable Load       | 50KG                                                        |
| Turntable Lift Height    | 450-800mm                                                   |
| Turntable Tilt           | 0° or 15°                                                   |
| Turntable Speed          | 1-5r/min (adjustable)                                       |
| Turntable Rotation Mode  | Continuous forward/alternating forward-reverse/intermittent |
| Flow Volume Adjustment   | Automatic via flow sensor                                   |
| Testing Time             | 0-999 min                                                   |
| Machine Weight           | Approx. 300kg                                               |

### IPX1/2 Parameters

|                 |             |
|-----------------|-------------|
| Rain Panel Area | 600 × 600mm |
|-----------------|-------------|

|                 |                                        |
|-----------------|----------------------------------------|
| Nozzle Diameter | 0.4mm                                  |
| Nozzle Spacing  | 20 × 20mm                              |
| Rainfall Rate   | 1-1.5mm/min (IPX1); 3-3.5mm/min (IPX2) |

**IPX3/4 Parameters**

|                   |                                          |
|-------------------|------------------------------------------|
| Swing Pipe Radius | R400mm                                   |
| Flow Rate         | 1.1L/min±5% (IPX3); 1.8L/min±5% (IPX4)   |
| Swing Angle       | 120° (IPX3), 350° (IPX4) or customizable |

**IPX5/6 Parameters**

|                |                                           |
|----------------|-------------------------------------------|
| Nozzle Size    | 6.3mm (IPX5); 12.5mm (IPX6)               |
| Spray Volume   | 12.5±0.625L/min (IPX5); 100±5L/min (IPX6) |
| Spray Distance | 2.7m (nozzle to turntable center)         |

**Key Features**

**Water Filtration System**

The water supply line includes a filter to remove impurities and prevent nozzle clogging.

**Water Storage Tank**

Equipped with a water storage tank and level control system that provides full/empty alerts.

**Control Interface**

7-inch touch screen with PLC control and multi-language support using proprietary software.

**Durable Construction**

The inner chamber is constructed with 304 stainless steel for rust resistance and long-term durability.

**Manufacturer Profile**

Guangzhou Yuexin Test Equipment Co., Ltd. (established 2013) specializes in waterproof and dustproof testing equipment with 2,350m² facility and 50 employees. Our professional R&D team enables custom solutions, while our after-sales service provides quick response times. As a nominated supplier for BYD, DJI, and CATL, we hold 25 patents and ISO9001 certification.

Product range includes: IPX1/2 dripping test chambers, IPX3/4 rain test chambers, IPX5/6 water spray test chambers, IPX7/8 immersion testers, IPX9K high-pressure spray chambers, and IP5/6X dustproof test chambers.

**Frequently Asked Questions**

**1. Are you a manufacturer? What after-sales service do you provide?**

Yes, we are professional manufacturers with 12 months warranty (extendable to 14 months for overseas shipments). We provide parts replacement, repairs, technical support, and on-site service when necessary. Contact us via email or phone for prompt assistance.

**2. What is your delivery time?**

Standard machines typically ship in 15-20 working days after deposit. We can expedite for urgent orders and offer special arrangements when needed.

**3. Do you offer customization and branding?**

Yes, we provide both standard and customized machines, including OEM/ODM services with client branding options.

#### 4. How do I install and operate the equipment?

Most machines ship fully assembled - just connect power to begin operation. We provide English instructional videos and can assist with on-site installation when required.

#### 5. What languages are supported?

Standard equipment supports Chinese and English interfaces, with additional languages available upon request.



Guangzhou Yuexin Test Equipment Co., Ltd.



18122303372



mft@yxipx.com



raintestchambers.com

101, No.3, Jiangjunzi Road, Dalong Street, Panyu District, Guangzhou City China