

Aluminum Alloy UL Rain Test Apparatus / UL Water Spray Test Equipment With A Nozzle

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: UL1598 , UL50E Type-3R/3RX (Rain Test)
- Model Number: YX-UL-B
- Minimum Order Quantity: 1 pcs
- Price: usd+20000-50000+pcs
- Packaging Details: wooden box package
- Delivery Time: 30-45 Days
- Payment Terms: T/T
- Supply Ability: 100+pcs+30



Product Specification

- Dimension: Approx W1700×D 920×H 2150 (mm)
- Number Of Pressure Gauges: 5
- Highlight: UL Water Spray Test Device , UL Waterproof Test System
- Number Of Nozzles: 1
- Service Environment: Rain / Splash
- Pressure Gauge Range: 0-400kpa
- Material: Aluminum Alloy
- Spray / Splash Angle: 45°
- Highlight: Aluminum Alloy UL Rain Test Apparatus, YueXin UL Rain Test Apparatus, UL Water Spray Test Equipment



More Images



Product Description

UL Rain Test Device with a Nozzle for UL Standards Compliance

Product recommendation:

The UL rain test device is a specialized equipment used to evaluate the water resistance of products under simulated rainfall conditions. It is designed to meet the rigorous standards set by Underwriters Laboratories (UL). With adjustable spray nozzles and precise control over duration, intensity, and angle, the device ensures comprehensive testing. Results provide insights into product's water resistance capabilities, helping manufacturers ensure compliance with UL standards and customer requirements.

The device consists of two parts: rain test device (3 nozzles), splash test device (1 nozzle). Casters (with brakes) are mounted at the bottom, which is convenient for users to move and fix the device. The height of the spray rack can be freely adjusted by using pulleys for lifting. Each nozzle is individually equipped with a pressure gauge, which can independently display the current spray pressure. Each nozzle has a separate ball valve to adjust the current spray pressure. The nozzle spacing is fixed according to standard requirements and cannot be adjusted. Rain-test spray nozzles are adopted from Underwriters Laboratories, which meets the standard requirements.

The main technical data:

Item	Parameters
Lifting height	Approx 1000-2000mm
Branch pipe spacing	710mm
Branch pipe length	305mm
Number of of nozzles	1
Internal diameter of tube	12.7mm
Number of pressure gauges	5
Pressure gauge range	0-400kpa
Spray / Splash angle	45°

Usage Scenario:

The UL Rain Test Apparatus is designed for assessing the water resistance and durability of electrical products, components, and systems under simulated rainfall conditions. It finds applications in diverse scenarios, including outdoor lighting fixtures, electrical enclosures, solar panels, automotive parts, and any equipment intended for use in wet environments.

Installation requirements:

Aisle: Before the equipment enters the factory, please confirm that the space in the aisle, elevator, laboratory, etc. of the factory area is sufficient for the equipment to pass through.

Water source: Please prepare clean water source.

Site space: $\geq W2000 \times D2600 \times H2500$ mm

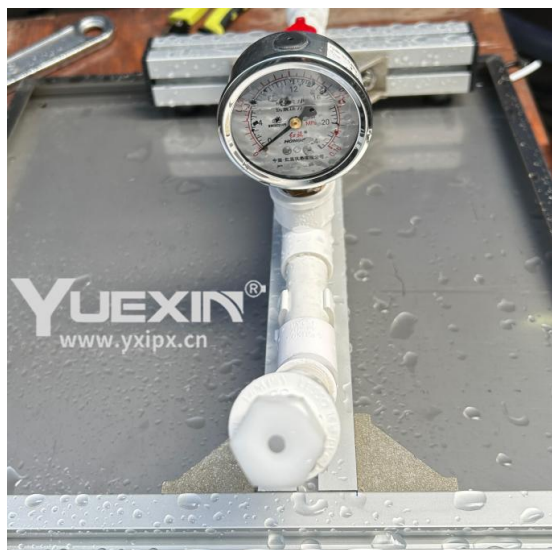
Users are required to prepare a separate space with drainage channels, and the ground and walls should be waterproofed.

Notes:

1 The pictures in this document are for customer reference only, and there may be color differences between the actual model and the pictures.

2 This document only lists some test standards, which does not mean that other test requirements and standards cannot be conducted. Welcome to communicate and discuss with us.

The detail picture of product:



nozzle

Tags: UL rain test apparatus , UL rain machine , UL rain spray test apparatus



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