

UL Spray Test Apparatus Adjustable UL Rain Test Equipment With 4 Nozzles

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
- 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

- Service Environment: Rain、 Splash
- Number Of Pressure Gauges: 5
- Spray/Splash Angle: 45°
- Material: Aluminum Alloy
- Dimension: Approx W1700×D 920×H 2150 (mm)
- Number Of Nozzles: 4
- Highlight: UL Water Spray Test Device , UL Waterproof Test System
- Pressure Gauge Range: 0-400kpa
- Highlight: **UL Spray Test Apparatus, Adjustable Rain Test Equipment, UL Rain Test Equipment**



Product Description

UL Rain Test Equipment with 4 Nozzles, Adjustable UL Spray Test Machine

Product recommendation:

The UL-certified rain simulation apparatus serves as a specialized tool for assessing the waterproof integrity of products under simulated precipitation scenarios. Crafted to adhere to the stringent norms established by Underwriters Laboratories, it boasts adjustable spray heads and meticulous regulation of test duration, intensity, and direction, ensuring exhaustive evaluation. These evaluations offer valuable insights into a product's resilience against water ingress, thereby aiding manufacturers in conforming to both UL standards and client specifications.

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 nozzles	4
Internal diameter of tube	12.7mm
Number of pressure gauges	5
Pressure gauge range	0-400kpa
Spray/Splash angle	45°

Application:

The UL Rain Test Apparatus serves as a vital tool for evaluating the water resilience and longevity of electrical products, components, and systems when subjected to simulated rainfall environments. Its versatility extends to various applications, encompassing outdoor illumination fixtures, electrical enclosures, solar energy collectors, automotive components, and any machinery designated for wet operational conditions.

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.

Remark:

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:



sprayer

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



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