

0-400kpa UL Rain Test Apparatus / Precise Control UL Spray Test Machine With 3 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-A
- 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

- Name: UL Rain Test Apparatus
- Service Environment: Rain / Splash
- Dimension: Approx W1700×D 920×H 2150 (mm)
- Pressure Gauge Range: 0-400kpa
- Number Of Pressure Gauges: 5
- Number Of Nozzles: 3
- Spray/Splash Angle: 45°
- Material: Aluminum Alloy
- Highlight: **UL Rain Test Apparatus,
400kpa UL Rain Test Apparatus,
Precise Control UL Spray Test Machine**



More Images



Product Description

UL Rain Test Apparatus with 3 Nozzles, Precise Control UL Spray Test Machine

Product recommendation:

Designed to replicate realistic rainfall conditions, the specialized UL rain testing apparatus evaluates the water resistance capabilities of products. It adheres to the strict guidelines laid down by Underwriters Laboratories, featuring customizable spray nozzles and precise management of test parameters like duration, force, and inclination. This comprehensive testing process sheds light on a product's ability to withstand water, assisting manufacturers in guaranteeing adherence to UL benchmarks and satisfying client needs.

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	3
Internal diameter of tube	12.7mm
Number of pressure gauges	5
Pressure gauge range	0-400kpa
Spray / Splash angle	45°

Usage Scenario:

Designed to scrutinize the waterproofing capabilities and durability of electrical products, parts, and systems under replicated rainfall scenarios, the UL Rain Test Apparatus boasts a broad range of applicability. It finds its place in assessing outdoor lighting solutions, electrical housings, photovoltaic panels, automotive elements, as well as any devices meant for service in damp surroundings.

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:≥W2000×D2600×2500mm

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:





sprinkler stand nozzle

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



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