

1000W AC220V Air Tightness Tester , High Precision Air Leakage Testing Equipment

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: GB/T4208-2017 ; GB/T19001-2016/ISO9001 2015
- Model Number: YX-SC-KNF
- 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

- Relative Humidity: $\leq 85\%$
- Temperature: 5 35
- Voltage: AC220V
- Frequency: 50Hz
- Air Pressure: 86kPa 106kPa
- Protective Earth Grounding Resistance: 4 Ω
- Power: 1.0kW
- Product Name: Air Tightness Tester
- Highlight: AC220V Air Tightness Tester, 1000W Air Tightness Testing Equipment, High Precision Air Leakage Testing Equipment



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Product Description

Air Tightness Detection Apparatus, High Precision Leakage Testing Equipment

Application background:

The damage of natural water (rainwater, seawater, river water, etc.) to products and materials causes inestimable economic losses every year. The damage caused mainly includes corrosion, fading, deformation, strength loss, swelling, mildew, etc., especially electrical products are prone to fire due to short circuit caused by rain. Therefore, it is an essential key procedure to carry out the shell protection water test for specific products or materials.

General application fields:

Widely used in waterproof testing of small household appliances industry, air tightness leak detection of valve and pipe fittings industry, waterproof testing of communication base station equipment, air tightness testing of medical equipment, wire sealing testing, sealing and quarantine of outdoor monitoring products, aluminum alloy die-casting products Leak detection, leakage detection of welding products, and other products that require waterproofing and leakage.

Equipment function:

The main function of this equipment is to judge whether there is leakage by comparing the gas pressure difference before and after balance, and to test the physical and other related properties of the product. After the test, check to judge whether the performance of the product meets the requirements, so as to facilitate the design, improvement, verification and factory inspection of the product. During the whole testing process, the products are not exposed to water at all, and at the same time, the testing efficiency is accelerated (the single product testing speed is 15 seconds and the judgment result is obtained), and thousands of products can be tested every day.

Equipment advantages:

1. The shell is made of domestic high-quality steel plate, and the surface is sprayed with baking paint, which is beautiful and durable.
2. The product has a built-in high-precision sensor, and the test accuracy can reach 0.02% FS.
3. The 7-inch color touch screen is used as the human-computer interaction interface, and the skeuomorphic icons are more intuitive and easy to understand.
4. Non-bridge valve island sealing technology, extremely small internal volume, to ensure the stability of the test to the greatest extent.
5. A four-stage pressure regulating device is used to completely eliminate the influence of external pressure fluctuations on the test results.
6. Built-in multiple sets of serial ports and PLC I/O interfaces can control peripheral fixtures or equipment, and the programming is simple.
7. Simple operation, pressure adjustment, pressure calibration, program selection, and tooling control are easy to learn and understand. the
8. All detection methods and methods do not damage the appearance and structure of the product to be tested, realizing non-destructive testing.

Technical parameters:

Item	parameters
Test pressure	Positive pressure
Test pressure range	0KPa-800KPa
Test pressure accuracy	10-15Pa
Sensor Accuracy	0.02%~0.05%FS
Leak value resolution	5Pa
Test medium	Standard compressed air, or other agreed media
Power requirements	AC220V(±15%),50HZ,Ground wire
Air pressure	0.4MPa-0.8MPa
Environment requirements	Temperature 0-50°C, humidity ≤90% (no condensation)
Control box size	L 300* D360* H 290mm
Valve guide module	L 200* D200* H 25mm
Power Supply	24V; equipped with a 220V to 24V power supply
Equipment power	1.0KW
Security features	Grating protection, low voltage protection

Notices:

1. The user is required to configure a leakage protection air switch of corresponding capacity for the equipment at the installation site, and this switch must be used independently for this equipment.
2. Do not use knife switches or power sockets.
3. Leakage protection air switch is not more than 2 meters away from the equipment.

Product detail image:



control panel, jar and vacuum pump

Tags: Leak Testing Equipment , Leaking Test Tool , Air Leak Testing Machine



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