

Intuitive Display Leak Test Machine 220V Visual Leak Detection Equipment

Our Product Introduction

Basic Information

- Place of Origin: Guangdong , China
- Brand Name: YueXin
- Certification: ISO 20653:2013, DIN 40050-9:1993, IEC60529:2013
- Model Number: YX-JL-S300CT-42L
- 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: Leak Test Machine
- Experimental Scenarios: Simulate Deep Water Environment
- Test Function: IPX8 Water Immersion Test
- Controller: 7-inch Touch Screen + PLC
- Power Supply: 220V/50HZ
- Power: 100w
- Highlight: **Leak Test Machine 220V ,
Intuitive Display Leak Test Machine ,
Visual Leak Detection Equipment**

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Product Description

Intuitive Display Leak Test Machine 220V Visual Leak Detection Equipment

Product size and material:

Outer dimension: Approx W 950×D 650×H 1000 (mm)
Outer material: 304 stainless steel
Inner dimension: Approx ϕ 300×H 600 (mm)
Inner material: Acrylic

Test principle:

IPX8 test: By filling the tank with compressed air and increasing the water surface pressure, the pressure in the water increases synchronously, thereby simulating different water depth environments.

Introduction to products:

The visual leak detection test machine is a highly advanced tool that utilizes intuitive visual display to precisely pinpoint leaks in real-time. It boasts high sensitivity, enabling the detection of even minute escapes.

The test container is made of acrylic material, which is convenient for users to observe and record ⁴.
The tank cover is raised and lowered by the cylinder to reduce the operating risk of the test personnel.
Built-in high-precision pressure sensor, which can display internal pressure changes synchronously.
The tank cover is connected with a mechanical safety valve (not controlled by the software). If the set pressure exceeds the set pressure, the safety valve will release the pressure directly to ensure the safety of users.
Controller: 7-inch touch screen + PLC, using Yuexin self-developed software, which can be switched to multiple languages ⁵.
Protection measures: short circuit protection, overpressure alarm.
There is an air tube in the container that can be connected to the sample to evacuate the inside of the sample ⁶.

Standard features:

Item	Data
Thickness of lid	35mm
Flange thickness	40mm
Tank thickness	45mm
Equipment net weight	Approx 180kg
Pressure range	0-3000kPa(30bar)
Vacuum range	-50kPa(Max)
Water depth range	1-300 meters
Adjustment method	Automatic adjustment
Pressure accuracy	1 kPa
pressure error value	±2kPa
Set pressure of safety valve	3.1Mpa(3100kPa)
Testing time ⁷	0-99999S
Power supply	220V/50Hz
Power	100w

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.

Air source: Please prepare a compressed air source with an output pressure of 0.6-0.8Mpa ⁸.

Power supply: 220V/50HZ, 100w please check whether it is compatible.

Site space: \geq W1500×D1400×2200mm

The room needs to reserve a drain, and the bottom of the machine can be connected to a water pipe for drainage.

Remark:

1. The pictures in this information are for customer reference only. There may be color differences between the actual model and the pictures.
2. This information only lists some test standards, which does not mean that other test requirements are not met. Users are welcome to communicate and discuss with our company.
3. The corresponding relationship formula between pressure and water depth: $P=9.8d$ (kPa, m)
4. It is necessary to prevent the sample from scratching the inner wall of the container. Scratches will affect the observation and video recording effects.
5. Currently only supports Chinese and English interfaces. Other languages require users to provide language support, and the manufacturer can remotely upgrade.
6. Users need to provide the interface shape and size of the sample (such as three-dimensional drawings) in advance.
7. The factory-set time unit is generally seconds. If you want to extend the test time, please explain it in advance.
8. The user needs to prepare an air compressor in advance (recommended air storage capacity >90L). If you need us to buy it on your behalf, you need to explain it in advance.
9. The photos may not match the actual product and are for user reference only.

Product operating picture:

Water pressure leak detection				17/03/09 08:29:10	
Pressure holding time:	999999	S	Current time:	888888	S
Test depth:	99.9	M	Current depth:	88.8	M
<div> <div>Stop state</div> <div>Back</div> </div>					

Tags: Leak Visualization Machine , Leak Inspection Machine with Visual Display , Leak Detection Device



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