

## Positive Pressure Leak Test for Industrial Samples with Visual Leak Test Machine

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-QF50C-250L
- 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

- Product Name: Air Pressure Testing Equipment
- Test Function: IPX8 Water Immersion Test , Leak Test
- Experimental Scene: Immersion Envrionment
- Water Depth Range: 1-50 Meters
- Turn Table Load Bearing: 25KG
- Controller: 4-inch Touch Screen + PLC
- Power: 100w
- Power Supply: 220V/50HZ
- Highlight: industrial leak test machine,  
visual leak test equipment,  
positive pressure leak tester

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## Product Description

### Positive Pressure Leak Test for Industrial Samples with Visual Leak Test Machine

#### Product Specifications

Attribute	Value
Product Name	Air Pressure Testing Equipment
Test Function	IPX8 water immersion test, Leak test
Experimental Scene	Immersion environment
Water Depth Range	1-50 meters
Turn Table Load Bearing	25KG
Controller	4-inch touch screen + PLC
Power	100w
Power Supply	220V/50HZ

#### Product Description

Positive pressure leak test:

First place the sample in a pressurized environment; if there is a leak, gas will enter the sample, increasing internal pressure

After pressurization, the sample is submerged underwater

Compressed air is released to form a pressure difference inside the sample

Internal gas discharges to form continuous bubbles in water - leak point is where bubbles emerge

#### Product Introduction

The specialized Leak Detection Visualizer, incorporating air pressure methodology, is meticulously crafted to accurately identify leaks within a wide range of systems and individual elements. Its enhanced visual interface expedites leak source identification, ensuring both promptness and precision.

The test container is made of acrylic material for easy observation and recording

Built-in high-precision pressure sensor displays internal pressure changes synchronously

Tank cover includes mechanical safety valve (not software-controlled) for user safety

Controller: 4-inch touch screen + PLC with multi-language support (currently Chinese/English)

#### Standard Features

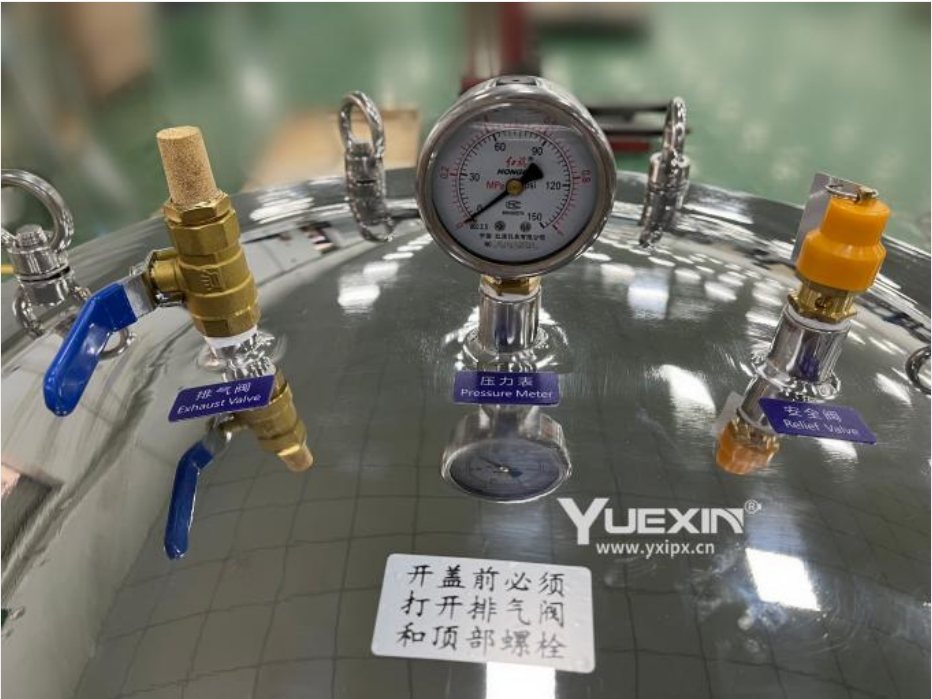
Item	Specification
Thickness of lid	20mm
Flange thickness	20mm
Tank thickness	20mm
Equipment net weight	Approx 200kg
Pressure range	10kPa-500kPa
Water depth range (positive pressure)	1-50 meters
Adjustment method	Automatic adjustment
Pressure accuracy	1 kPa
Pressure error value	±2kPa
Set pressure of safety valve	0.55Mpa(550kPa)

Testing time	0-999999S
Power supply	220V/50Hz
Power	100w

**Important Notes**

- Images are for reference only; actual product may vary in color
- Document lists common test standards; custom requirements can be discussed
- Tests must be conducted sequentially (one at a time)
- Pressure/water depth formula:  $P=9.8d$  (Unit: kPa,m)
- Leak criteria: continuous bubbles (stricter for small products with minimal internal space)
- Avoid scratching container inner wall as it affects observation
- Current languages: Chinese/English (remote updates available for others)
- Default time unit: seconds (extended tests require advance notice)

**Product Images**



Visual Leakage Inspection Device

Leak Visualization Machine

Leakage Detector



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