

Package Leak Detector

This package leak detector identifies leaks in sealed packages using the bubble emission method. The detector is widely used in the food, beverage, pharmaceutical, and other industries.



ADDITIONAL IMAGES



Overview

Automated Package Integrity Testing

This advanced leak detector utilizes the bubble method to ensure the seal integrity of flexible packaging, containers, and pipes. By creating a controlled vacuum environment, it allows operators to quickly identify microscopic leaks in food, pharmaceutical, and electronic packaging. The system is fully automated with touch-screen controls, eliminating the need for external vacuum pumps and providing repeatable, reliable test results.

Technical Performance

Vacuum Range

-90 KPa
Max Vacuum

-13 PSI
Max Vacuum

Operating Gas Pressure

0.7 MPa

Gas Source

Compressed air

Key Features

Core Capabilities

- Fully automatic leak test process
- Touch screen interface for easy operation
- Digital vacuum degree and test time input
- Automatic data saving and parameter storage
- Automatic vacuum maintenance and air back-flushing
- No external vacuum pump required

Construction

Extra-thick Perspex vacuum chamber

Physical Specifications

Standard Chamber Dimensions	!270mm x 210 mm (H)
Customization	Yes

Compliance

Standards Compliance	ASTM D3078, GB/T 15171
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Applications

Suitable Industries

Food & Beverage • Pharmaceutical • Daily Chemical • Electrical • Electronic