



LeakVIEW M016M

A vacuum leak detection system for bubble emission, altitude simulation or burst testing. Suitable for sachets, pouches, flow wraps and most non-porous packaging.

The LeakVIEW M016M provides optimum visual detection of leakages, enhanced by its clear perspex housing. When carrying out bubble testing, the chamber is filled with water. During the test phase, the head-space will be placed under vacuum, causing the package to inflate.

Should any leaks be present within the packaging, a stream of bubbles will be emitted, allowing the user to locate holes smaller than 20 microns. Water is not required for altitude simulation or burst testing.

The LeakVIEW is operated by a simple Selector lever that rotates to hold the vacuum at a chosen level, and then further rotates to control the vent rate. No specialist tooling, electrical connection or calibration is required to operate the instrument.

User-friendly and low maintenance, the LeakVIEW is an essential piece of leak detection equipment for any package testing facility.

FEATURES

- Bubble emission testing
- Dry vacuum burst testing
- Altitude simulation testing
- Can indicate down to 20µm hole diameter
- One simple user control
- No special tooling required
- Low maintenance

APPLICATIONS

- Pharmaceutical sachets (powders)
- Medical device packs (non-porous)
- Modified atmosphere packs
- Pillow packs
- Flow wraps
- Any sealed component with head space
- Production and laboratory environments

TECHNICAL INFORMATION

Model

LeakVIEW MO16M

Bubble emission leak detection system with manual control. Custom configurations are available

Performance

Limit of detection

Better than 2 microns hole diameter*

Evacuation time

0 to -800 mbar <30 seconds at 6 bar line pressure (empty)

0 to -200 mbar <5 seconds at 6 bar line pressure (empty)

* Performance is a function of vacuum level and head space

Capacity

Internal useable size

175(H) x 440(W) x 310(D) mm. (25l approx.)

General

Control

Combination Evacuation, Hold and Vent control

Indicators

0-11 bar pressure, 0-1 bar vacuum

Compressed air

6.5 bar (200l/min). 8mm push-fit connection

External dimensions

523(W) x 510(D) x 430(H) mm (vertical clearance: 750mm)

Weight (dry)

42kg

Materials

Acrylic test chamber. Grade 304 stainless steel base

Compliance

Can operate in compliance with ASTM D3078

Standards

Directive 97/23/EC Cat S.E.P. Applies. CE marked

Calibration

Not required. Gauges may be verified for accuracy



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