Though highly configurable to suit individual customer requirements, the LeakVIEW range possesses a number of standard features to enhance functionality.

- Bubble emission testing
- Dry vacuum burst testing
- Altitude simulation testing
- Automated control
- RJ45 network and 2 USB ports
- Low maintenance
- No specialist tooling required
- Can detect holes down to 20µm

Enhanced by its clear Perspex housing, the LeakVIEW provides optimum visual detection of leaks. User-friendly and low maintenance, the system is able to identify holes smaller than 20 microns and can operate in compliance with ASTM D6653 and ASTM D3078 standards.

When carrying out bubble emissions testing, the chamber is filled with water. During the test phase, the head-space is placed under a vacuum, causing the inserted packaging to inflate. Should any leaks be present, a stream of bubbles will be emitted. Water is not required for altitude simulation or burst testing.

The system is programmed from a colour touchscreen display for method development and can then be locked to prevent unauthorised changes. Automatic test cycles are initiated by a simple press of the start button. The display will indicate the end of the test cycle. In the case of altitude simulation, ascent and descent profiles can be displayed graphically.

Custom configurations are available to tailor the LeakVIEW to each individual's requirements. An alternative option to automatic operation of the system is the manual version that does not require an electrical supply. A range of sizes are available to suit your requirements.

An essential piece of equipment for any packaging facility, the LeakVIEW is fundamentally able to test any sealed packaging component with a head space.

Visual detection of packaging leaks through either bubble emissions, burst testing or altitude simulation testing. The LeakVIEW is an ideal seal integrity tester for a range of packaging within the food, consumer and medical device industries.
## Specifications

| **LeakVIEW** | Bubble emission leak detection system  
| | Custom configurations available for chamber size and internal pressurisation |
| **Dimensions** | A range of sizes are available, both standard and custom  
| | Please contact Dynascan for further information |
| **Limit of Detection** | Better than 20 microns hole diameter  
| | Performance is a function of pack size, vacuum level and head space |
| **Evacuation Time Example (Small Chamber)** | 0 to -800 mbar <30 seconds at 6 bar line pressure (empty)  
| | 0 to -200 mbar <5 seconds at 6 bar line pressure (empty) |
| **Control** | Touch screen and start stop reset button |
| **Indicators** | 0-11 bar pressure, 0-1 bar vacuum |
| **Compressed Air** | 6.5 bar (200l/min), 8mm push-fit connection |
| **Materials** | Acrylic test chamber  
| | Grade 304 stainless steel base |
| **Compliance** | Can operate in compliance with ASTM D6053 or ASTM D3078 |
| **Standards** | Directive 97/23/EC CAT S.E.P. applies  
| | CE marked |
| **Calibration** | No calibration required  
| | Gauges may be verified for accuracy |

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**Applications**

- **Food Packaging** - e.g. crisps, snacks, coffee, dairy, meat and fruit & vegetables
- **Medical Devices** - e.g. blister trays, testing kits, implants and pouches
- **Consumer Products** - e.g. cleaning, pet, sexual health, toiletries and cosmetics