PRODUCT BROCHURE

Dansensor®
LeakPointer® H_2O
VISUAL BUBBLE LEAK DETECTION SYSTEM

Dansensor LeakPointer H_2O bubble test leak detector

Benefits

- Test package integrity and find exactly where leaks are located
- Test packages with or without headspace, regardless of gas mixture
- Ergonomically designed for operator safety and convenience
- Mounted lid avoids mess and requires no extra table space
- Easy to clean with self-draining, removable tub
- Simple installation and operation
- No adjustment required for different package sizes or types

Quick and effective visual leak testing with designed convenience

The Dansensor® LeakPointer® H_2O is a package leak detector which helps you pinpoint even the smallest leaks. This instrument helps you conduct visual leak tests (bubble test) on all types of flexible, semi-rigid and rigid packages, regardless of whether they have headspace, like MAP packages, or use other packaging methods with little or no headspace, such as vacuum or skin packaging.

Simply place the test package(s) into the tub, close the lid, and start the instrument to begin testing – you can even use the vacuum pressure to fill the tub with exactly the right amount of water. When you stop the test, the lid opens automatically, dripping excess water back into the tub. Adjust the pressure as needed and watch for a stream of bubbles from the package to locate the leak. The instrument is easy to empty and clean. No messy overfill, no heavy lifting to fill or clean the instrument, and no hard-to-reach corners!

The Dansensor LeakPointer H_2O is the perfect addition to your quality control process. It can be used alone or, for the ultimate leak detection solution, use it in tandem with the Dansensor LeakPointer 3 or 3^+.

Features

- Mounted, pneumatic lid – opens/closes effortlessly and stops messy dripping
- Easy-clean removable, rounded tub
- Quick-release hose to fill or empty the tub without heavy lifting
- Easy-to-read vacuum gauge
- Balance hose allows testing on all types of packages
- Adjustable pressure -50 to -800 mbar
- Vacuum generation with compressed air (no electrical connection)
- Reversible tub gives convenient access to drain valve, front or back
- Complies with ASTM D3078
- Optional digital pressure meter ensures accurate testing, even on difficult packages

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HOW DOES IT WORK?

1. Place package(s) into the tub, hold the lid closed and start the test to fill the tub with water.
2. When the water level reaches the hole plate, close the drain hose valve.
3. The package will balloon under the pressure and leaks become visible with the release of bubbles from the package; adjust the pressure as required.
4. Stop the test by pushing the button once more; the lid will open automatically and you can remove the package(s).
   This test complies with ASTM D3078.

Add the optional Digital Pressure Meter for a successful test every time, even on rigid, flat packages that don't expand under pressure or packages with easy-open seals which can't withstand high pressures.




LeakPointer family - better together!
Find a leak (and even its exact size) with the LeakPointer 3/3+ non-destructive leak test, then pinpoint its exact position with the LeakPointer H2O

Balance hose
Test on packages with little or no headspace by introducing air from outside the vacuum chamber

Technical Specifications

Specifications	Dansensor LeakPointer H2O
Package types	Flexible, semi-rigid and rigid packages
Test types	Bubble test
Test package size	Smaller than tub dimensions
Tub dimensions (WxDxH) and volume	400 mm x 400 mm x 150 mm (15.7" x 15.7" x 5.9") (approx. size due to tapered design) ~ 25 liter volume (6.6 US gal) to the level of the hole plate
Fill time (with vacuum fill)	Up to 1 minute
Test time	Unlimited (control manually)
Vacuum pressure	-50 to more than -800 mbar (-0.7 to -11.6 psi)
Dimensions (WxDxH) and weight	Lid open: 526 mm x 640 mm x 720 mm (20.7" x 25.2" x 28.3") 22 kg (48.5 lbs)
Air supply pressure and connection	6.0-7.0 bar Ø6/4mm tube DIN ISO 8573-1:2010 [4:4:3]
Air consumption	Max 185 L/min
Compliance	CE, China RoHS II
Standards	ASTM D3078

PB-PTPS-Dansensor LeakPointer H2O_EN-2

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