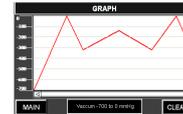


Vacuum Leak Tester - PRIMA SERIES



TEST MENU	
HH:MM:SS	mm/dd/yy
1234	TEST OFF
1234 MM HG	123 SEC.
START	MAIN MENU



EXAMINE THE SAMPLE AND PRESS PASS/FAIL CRITERIA	
PASS	FAIL



HMI Based Touch Screen

Model PVL - 0131 - Prima

The Presto leak detector machine is a high quality packaging seal integrity tester that adds quality control measures to your packaging applications. Regardless of contents, the vacuum seal integrity test will help ensure that your packaged product is sealed to your specifications. Benefits of will be realized by many industries from package manufacturers and converters to end user packagers in the packaging of: **Coffee, foiled cups, gels, Pouches, grains, cereal, bakery, namkeen, chips, Confectionery, snacks, pasta, frozen foods, cheese, pet food and treats, Medical and pharmaceutical**, and many more.

Using a Package Leak Detector

The Presto package leak detector can be used for a variety of different package types, from stand-up pouches, packages with modified atmosphere packaging (MAP), rigid trays, vacuum skin packs, thermoform packages, sachets, flow wraps, form fill seal (VFFS) and re-closable packages. Wherever package seal integrity is critical, the vacuum seal tester can be used to detect if there are any faults in the package's seal, seam or closure before making it to production or your customer.

How the Vacuum Seal Tester Works

The Presto leak detector and seal integrity testing unit is a high quality machine that consists of a clear acrylic vacuum tank (chamber) and system, From the fittings to the stand, the detector utilizes solid working parts to avoid breakage and ensure the highest of standards. Through our more efficient design, our leak detector has fewer failures and potential system air leaks.

Packages requiring testing are simply placed in the clear acrylic vacuum tank (chamber) of water, the lid is closed and vacuum engaged. You can then choose which testing method to use based on your company's standards and requirements. A complete test can be accomplished in just a matter of seconds with immediate results!

Packaging Testing Methods

With Presto package leak detection, there are multiple packaging testing methods for your applications to ensure the highest quality in seals, seams, closures and substrates are being met. The seal integrity test methods may vary depending on the contents of the package, but the Presto leak detection system provides all of these testing options with one machine.

Presto vacuum style leak detector can be used to facilitate testing to standards such as ASTM D3078, ASTM D6653, ASTM D2096, ASTM D4169, ASTM D4991, and ASTM D5094. Any package integrity test that requires a vacuum chamber, underwater bubble test, or package pressure test can be done with the Presto seal integrity, vacuum tank, bubble leak detector (with the applicable options).

Bubble Emission Leak Test Procedure

The Bubble Emission leak test procedure (**per ASTM Standard Test Method D3078-02**) is ideal for packages whose contents have headspace or some amount of air or gas within the package. After placing the package in the tester, closing the lid, and submerging it under the water, a vacuum is drawn on the package; if air bubbles appear, then the package is compromised or faulty. Visual knowledge of where the bubble is propagated tells you exactly where the package is faulty and allows you to correct the problem. Leak detectors that do not give a visual location of the problem don't allow you to fix the problem!

This test may also be used for any package to determine a burst point on the seal. The outcome can then be used as a company standard for regular Bubble Emission Tests when in production and can be tracked during production in order to see a trend in diminishing seal integrity in order that adjustments can be made to correct a problem BEFORE it occurs!



Dry Chamber Flexible Package Testing

The Dry Chamber method of package leak detection is best suited for packages whose contents are liquid and have little headspace or air within the package. The package is placed in a dry tank (or chamber) on a paper towel or absorbent-type material. The vacuum is drawn to operator specifications and if after the test finishes, the towel or material is wet, the package seal is faulty.

Altitude Simulation Seal Integrity Test Methods

Altitude simulation is important for all goods traveling with varying altitude levels, most commonly air travel or over ground crossing mountain ranges. Upon takeoff and landing, the product will undergo extremes in altitude level. The Altitude Simulation method per **ASTM Standard Test Method D6653** can be performed in either a dry or wet tank (or chamber) depending upon package contents through referencing a Vacuum versus Altitude simulation chart.

Seal Integrity Test Methods for Vacuum Packages

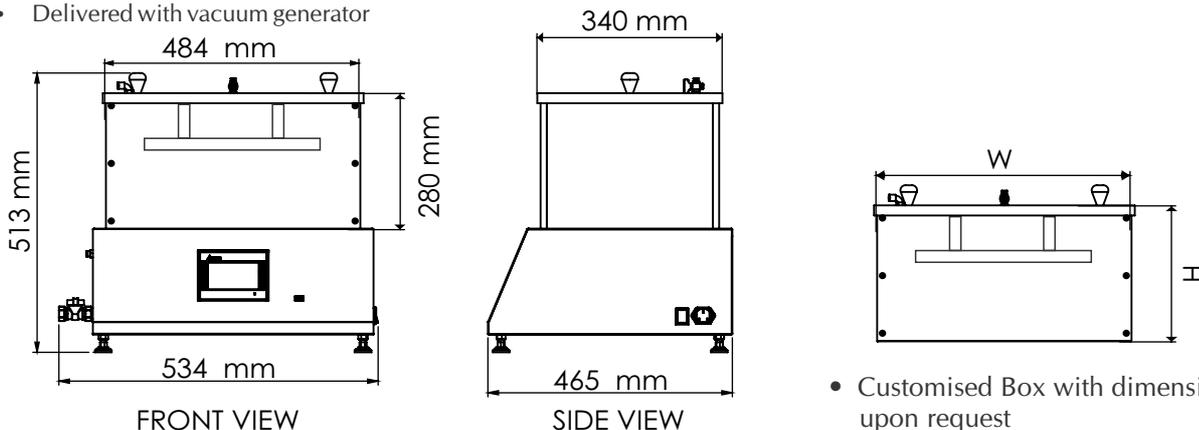
This method is used for packages that are vacuumed sealed (or vacuum packed). For the test, a small attachment is used and the regular Bubble Emission Test procedures are then performed.

Touch screen PRIMA series Fully Automatic Control Systems

Fully Automatic control options that can be purchased to improve repeatability and take data acquisition for the various tests. Accuracy is improved by a reduction in possible operator error over the standard manually operated system.

Specifications:

- Internal Total Space : W 444 x D 300 x H 250 mm
- Vacuum adjustable up to – 800 mb (-600 mm-Hg.)
- Box made of polished transparent PMMA (very rugged)
- Easy to use and safe
- Touch Screen display
- 2 stage vacuum and holding time setting
- Accuracy: 0.5% of the measure
- Delivered with vacuum generator



- Customised Box with dimensions upon request

Thank you customers for choosing us as your partners in growth !



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