

FLEXPAK™

PACKAGE LEAK DETECTOR & SEAL INTEGRITY TESTER

High quality packaging seal integrity tester that adds quality control measures to your packaging applications



The **FLEXPAK™** leak detector machine is a high quality seal integrity tester for packaging that adds quality control measures to your packaging applications. The **FLEXPAK™** vacuum seal integrity test will help ensure that your packaged product is sealed to your specifications. Benefits of **FLEXPAK™** will be realized by many industries from package manufacturers and converters to end user packagers in the packaging of: cheese, meat, seafood, pet food, pet treats, coffee, grains, cereal, bakery, confectionery, snacks, pasta, frozen foods, medical and pharmaceutical, industrial, and many more.

Using a Package Leak Detector

The **FLEXPAK™** 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 reclosable 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 **FLEXPAK™** leak detector and seal integrity testing device consists of a clear acrylic vacuum tank (chamber, also known as a "dunk tank" or "water bath"), a control valve, and a vacuum gauge. From the fittings to the stand, the detector utilizes solid stainless steel working parts to avoid corrosion and ensure the highest durability. Through our more efficient design, our leak detector is more reliable than all other similar leak detectors.

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. If you see bubbles you have a leak! Visual confirmation of leak location directs operator to which seal bars require adjustments. A complete test can be accomplished in just a matter of seconds with immediate results! For more information or questions about **FLEXPAK™** leak detection equipment, contact us and request a quote today!

FLEXPAK™ Semi or Fully Automatic Control Systems

FPFA-T and FPFA-T are **FLEXPAK™** Semi-Automatic and **FLEXPAK™** Fully Automatic control options that can be purchased to improve test repeatability and offer data acquisition.



Table Top DIMENSIONS

MODEL #	INSIDE TANK DIMENSIONS	MAX. PACKAGE SIZE
FP110808	11 x 8 x 8 inches 280 x 200 x 200 mm	10 x 7 x 5 inches 250 x 180 x 130 mm
FP181210	18 x 12 x 10 inches 460 x 305 x 255 mm	17 x 11 x 7 inches 430 x 280 x 180 mm
FP201413	20 x 14 x 13 inches 510 x 355 x 330 mm	19 x 13 x 10 inches 480 x 330 x 250 mm



Floor Stand DIMENSIONS

MODEL #	INSIDE TANK DIMENSIONS	MAX. PACKAGE SIZE
FPFL201413	20 x 14 x 13 inches 510 x 355 x 330 mm	19 x 13 x 10 inches 480 x 330 x 250 mm
FP242015	24 x 20 x 15 inches 610 x 510 x 380 mm	23 x 19 x 12 inches 580 x 480 x 300 mm
FP302015	30 x 20 x 15 inches 760 x 510 x 380 mm	29 x 19 x 12 inches 740 x 480 x 300 mm
FP322619	32 x 26 x 19 inches 810 x 660 x 480 mm	31 x 25 x 15 inches 790 x 630 x 380 mm
FP392220	39 x 22 x 20 inches 990 x 560 x 510 mm	38 x 21 x 16 inches 970 x 530 x 400 mm



Can be used for the following ASTM test procedures:

ASTM D3078 Standard Test Method for Determination of Leaks in Flexible Packaging by Bubble Emission

ASTM D6653 Standard Test Methods for Determining the Effects of High Altitude on Packaging Systems by Vacuum Method

ASTM D4169 Standard Practice for Performance Testing of Shipping Containers and Systems

ASTM D4991 Standard Test Method for Leakage Testing of Empty Rigid Containers by Vacuum Method

ASTM D5094 Standard Test Method for Gross Leakage of Liquids from Containers with Threaded or Lug-Style Closures

ASTM D2096 Standard Test Method for Gross Leakage of Liquids from Containers with Threaded or Lug-Style Closures

Product Options

Semi Automatic Control Package

Improved operator repeatability.

Fully Automatic Control Package

Improved operator repeatability, recipe capability, automatic altitude testing, data acquisition.

Electric Vacuum Pump

Only required if compressed air is not available.

Vacuum Pack Attachment

Required to produce a bubble if package has zero or limited gas inside.