

Vacuum Leak Tester Panorama

The Vacuum Leak Tester panorama is the most unique model as it has various applications. It is also known as a bubble emission based model wherein the user can test vacuum leakage for bottles, pouches packets and other containers. This instrument is very helpful in detecting leaks. The compressor/vacuum pump is a built-in feature which helps in creating vacuum inside the chamber of the instrument. The vacuum pump is successful in creating up to 600hg of negative pressure. The chamber body is made of plexi-glass which helps in ensuring 100% insulation. This instrument helps in detecting any sorts of leaks in a variety of products manufactured by industry specialists in the packaging domain.

The Bubble Emission leak test method is designed for air-filled samples. During the test if the user is able to observe air bubbles then the package is compromised/faulty. The bubble emission indicates and can easily help the user in detecting the leaking point of the sample. The Testronix leak integrity tester complies with the various test standards such as **ASTM D3078-02, ASTM D6653, ASTM F 2338, ASTM D5094, ASTM 4991**

The following samples can be successfully tested on this instrument:

1. LDPE & HDPE Bottles
2. PET Bottles
3. Air-filled pouches
4. Packets & containers



Features:

- Microprocessor-based for accuracy and repeatability
- Meets USP 28 Packaging Practice specification
- Automatic sample testing through easy vacuum mechanism
- Pressure, Inlet Vacuum Pressure setting, and Pre-set Timer function incorporated for accuracy and repeatability
- Inbuilt vacuum pump to ensure consistent pressure in the chamber at all times
- High grade dual layer Polished transparent PMMA chamber
- Leak proof chamber with insulation to ensure successful test results
- A Control panel has inbuilt Vacuum Generator of suitable capacity.
- It consists of a high accuracy Vacuum Sensor connected to the Vacuum Chamber.
- Signals from the Sensor are sent to a Microprocessor based Indicator-cum-Controller.

Specifications:

- Pressure: 0 – 600 mm-Hg. (800mb)
- Least Count: 10mm
- Bubble emission based model (Dry + wet test model)
- Controls: Digital for pressure monitoring and timer
- Timer: Digital pre-set up to 999 seconds (Changeable to Hrs:min:sec)
- Vacuum leak chamber size - W 444 x D 300 x H 250 mm
- 2 stage vacuum and holding time setting
- Chamber size customisable on request
- Touch screen model also available

