

### **Vacuum leak tester for bottles**

The Vacuum Leak Tester is a very important instrument which helps in assuring the quality of bottles and other elongated containers. It is used in bottling and packaging industries. This instrument helps in detecting any sorts of leaks in a variety of products manufactured by industry specialists in the case of bottles.

This model of vacuum leak tester is specially designed to test PET bottles accurately. It helps in leak detection with high precision.

The accurate data calculated by the machine helps manufacturers in detecting any imperfection in the manufacturing process. For the manufactures to offer superior quality products to their customers removing these imperfections is utmost important.

The instrument adheres to Standards: ASTM D6653

**Altitude Simulation Seal Integrity Test Methods** Altitude simulation is crucial for bottles and other packaging material when transportation takes place at high and varying altitudes. This test can be conducted in either a dry or wet desiccator depending upon package contents



### Features:

- Microprocessor-based for accuracy and repeatability
- Easy to operate and user friendly
- Rugged Outer body
- Designed especially for LDPE, HDPE and PET bottles
- 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:

- Vacuum adjustability up to 600 mm-Hg (800 mb)
- 2 stage vacuum and holding time setting
- Accuracy: 0.5% of the measure
- Consists of inbuilt with vacuum generator
- Vacuum chamber size (i) Length 300mm  
(ii) Width 150mm
- Chamber size customisable on request
- Automatic sample testing through easy vacuum mechanism
- Pressure, Inlet Vacuum Pressure setting, and Preset Timer function incorporated for accuracy and repeatability
- Changeable Timer Units in Hrs:min:sec

