

Internal Pressurization Bubble Testing System for ASTM F2096

Internal Pressurization Bubble Testing System for ASTM F2096 manufactured by Burhani Hardware used for Package Leak Detector and Seal Tester in application such as Package Manufacturers, Sea packaged food, meat packaged food, cheese, Pet Food, Medical pouches, Pharmaceutical pouch, cosmetic, Dairy products, Cereal and Grains, Bakery Products, snack food, coffee and tea, confectionary and other related products.

What is vacuum leak detector

Bubble Emission Leak Testing Systems

Bubble Emission Leak Testing Systems from Burhani Hardware And Fittings for Quality Control

Burhani Pack-Vac Leak Detectors assist you guarantee to your customers that your packaging system is dependable once it leaves your facility.

Sealing time, packing material compatibility, seal reliability in high altitude trucking and airfreight are some of the production variables that has to be taken into account since the manufacturing possibilities are countless.

This Internal Pressurization Tank System is designed to Detect Gross Leaks in Packaging by Internal Pressurization of test samples known as Bubble Test. The Burhani Internal Pressurization Bubble Testing System is manufactured according to ASTM F2096-11. This test is sensitive to 250 micron holes. Bottles, Purses, Pouches, Boxes, Receptacles, plates, sacks, Jugs, Jars, Vials or anything else that can be punctured and submersed under water can be tested.

The Internal Pressurization Bubble Testing System gives test results within 10 to 30 seconds. Video is attached for your perusal. Another advantage is that it can help you identify and locate the spot rapidly and easily. This system is useful in lab and setting up new production line.

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 Methods for Gross Leakage of Liquids from Containers with Threaded or Lug-Style Closures

ASTM F2096 Standard Test Method for Detecting Gross Leaks in Packaging by Internal Pressurization (Bubble Test) – Using our optional adapter

System Features of ASTM F2096 System)

ASTM F 2096 Bubble Testing System

The system is fully assembled and ready to use. It features:

1. A Quality Built Clear Acrylic Tank.
2. Hinged, Lockable, and Transparent Top Loading Acrylic Lid
3. Overflow Safety Tank provision
4. 1-inch NPT Tank Drain Valve
5. 1-inch NPT Overflow Drain
6. Table Structure that holds the Clear Acrylic Tank robustly into place
7. Adjustable Height Feet, Or Lockable Casters

Choosing the Right Burhani Bubble Emission Leak Testing Systems

Now that you know you need one of our Bubble Emission Leak Testing Systems, here's how to find the right one for your application.

Connection Requirements

we recommend the Electric Vacuum Pump. Our electric model comes equipped with a quiet and durable vacuum pump, 230/115 VAC standard(unless otherwise specified).

Size

Burhani Hardware can craft custom size vacuum chambers. Also Burhani Bubble Emission Leak Testing Systems are available in different models. You can choose from any one or custom make according to your requirements. We can also help our customers to select size based on their packages. with our innovative machining centres we offer high quality and affordable prices for Burhani pack vac leak detector.

Bubble Emission Leak Testing Systems for ASTM D3078

Clear Chamber – Cube

Model No	Capacity Gallon	Capacity Litres	Size Inches
BHFGCB080606	1.2	4.5	8x6x6
BHFGCB110808	3	12	11x8x8
BHFGCB181210	10	36	18x12x10
BHFGCB201413	16	60	20x14x13
BHFGCB242015	31	118	24x20x15
BHFGCB302016	41	157	30x20x16
BHFGCB322620	72	272	32x26x20
Custom sizes available on Demand			



Clear Chamber – Cylindrical



Model No	Capacity Gallon	Capacity Litres	Size Dia x Height (cm)
BHFGC1060	0.5	1.9	10x60
BHFGC2060	2.0	7.5	20x60
BHFGC2560	3.1	11.8	25x60
BHFGC3060	4.5	17.0	30x60
BHFGC3560	6.0	23.0	35x60
BHFGC4060	8.0	30.0	40x60
BHFGC4560	10.0	38.0	45x60
BHFGC5060	13.0	47.0	50x60
Custom Sizes Manufactured on Demand			