

Vacuum Leak Tester - Digital



Product Info :

Vacuum Leak Tester brings highly efficient and advanced testing methods to check the quality and performance of packaging material. The machine is equipped with features that can assess a material precisely for any cracks, holes or poor sealing issues. The equipment not only helps examine the specimen but also supports the user to research and resolve the gaps with its accurate technical reports. Packaging materials tend to be compact enough to deliver complete protection to the product inside. They act as a barrier between the external environment and the products inside. A Leak or crack doesn't matter how small can have a huge impact on the performance of the packaging material that can lead to product failure. Cracks, holes or poor quality sealing in the package can lead to leakage of product inside causing performance failure.

These cracks or sealing issues are very difficult to identify, as they can be as small as not to be seen with normal eyes. Hence, to examine and detect the fault causing the leak, the user needs to conduct quality tests such as vacuum leak testing. The vacuum leak testing procedure is the popularly used method to analyze leakage in the packaging material or identify the fault that occurred in the sealing of material. In the test method, the material is immersed inside a liquid solution. This practice is applied for a defined amount of time and under particular pressure. When immersed in the product, if have any micro-sized crack or have any sealing issue, it will allow the liquid to enter inside and the air outside. When air is passed out of the package in water it will form bubbles in the water.

TECHNICAL DATA :

- Vacuum Range: 150 – 600 mm Hg
- Desiccator: 12” (300 mm diameter)
- Display: Alphanumeric LCD with Backlit
- Keyboard: Soft Touch Membrane Keys
- USB Port: For Dot Matrix Printer with Parallel Interface
- Vacuum Pressure Gauge: Digital
- Vacuum and Hold Time: Programmable
- Hold Time: Up to 999 Seconds
- Construction of Cabinet: Stainless Steel
- Power Requirement: 230V AC, 50 Hz
- Weight: 13 Kg (Approx.)

Accessories:

- Main Apparatus along With Vacuum Pump
- Polycarbonate Desiccator with Connecting Cable
- User Manual
- Printer (As per client scope of services and requirement)

FEATURES :

- Microprocessor-based complete auto-mode functions to deliver high-level of accuracy
- Setting for two-staged vacuum and holding time is available
- Automatic storage for last performed test results

Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.