

# Leak Tester LTY-01

Vacuum Leak Tester LTY-01 is designed for leak test for food, drugs, cosmetics, industrial products such as flexible packaging, bottles and other packaging materials. LTY-01 adopt negative pressure test mode, automatic chronograph automatic replenishment vacuum packaging, is high-precision automatic leak testing machine. Sealing process and sealing performance can be effectively tested and evaluated.



Vacuum Leak Tester LTY-01

**STANDARD:** ASTM D3078,GB/T 15171,GB/T 27728

## PRODUCT APPLICATION



Leak tester is designed for test soft packing bags, hard packing bottles, drug bottles, Metal Cans, Blister Packaging, Composite packaging etc..

## TECHNICAL FEATURE

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- ★Color touch screen control, make the operation more convenient, more intuitive results
- ★The vacuum chamber is made of high transparent organic glass
- ★Simple and convenient detection and calibration
- ★Specimens could be tested in the preset vacuum condition by automatic compensation of constant pressure
- ★Imported brand vacuum components, stable performance, durable
- ★One key operation, automatic end test, automatic Blowback unloading
- ★User level management to ensure data integrity and standardization
- ★Store multiple sets of test data, easy query
- ★ISP online upgrade function, can provide personalized service
- ★High speed processing chip, greatly improve the operating speed
- ★The vacuum pressure and pressure holding time can be set to simulate and evaluate the sealing of the packing under different vacuum conditions
- ★The pressure and pressure holding time can be set freely in each vacuum stage

### TEST PRINCIPLE

Vacuum Leak tester using the negative pressure method principle, vacuum the vacuum chamber to make the immersed water sample have internal and external pressure difference. Observe gas escape situation to determine the sealing performance of the sample. Or vacuum the vacuum chamber to make the immersed water sample have internal and external pressure difference. Observation sample expansion and shape of the samples after the release of vacuum recovery and liquid infiltration condition to determine the sealing performance of the sample.

<b>TECHNICAL SPECIFICATIONS</b>	
Vacuum Degree	0-90kPa
Vacuum Accuracy	1FS
Gas Supply Pressure	0.5MPa ~ 0.7MPa
Vacuum Retention Time	0 ~ 9999.99Hours
Vacuum Room Size	Φ270 mm x 210 mm (H) (Standard) Φ360 mm x 585 mm (H) (Optional) Φ460 mm x 330 mm (H) (Optional) (Other size Customized)
Frame Size	430mmX330mmX170mm
Net Weight	15Kg
<b>ENVIRONMENT REQUIREMENT</b>	
Air Pressure	0.5-0.9MPa
Temperature	15°C-50°C

Relative Humidity	No more than 80%, no dewdrop
Power Supply	220V 50Hz
<b>CONFIGURATION</b>	
Standard configurations: Mainframe, Vacuum Chamber Note: Customers will need to prepare gas supply by himself.	