

sisco

Vacuum leak tester

MFY-05A







Instruction

Leak Tester **MFY-05A** is designed for leak testing of food, drugs, cosmetics, industrial products such as flexible packaging, bottles, and other packaging materials. MFY-05A adopts negative pressure test mode, automatic chronograph, automatic replenishment and vacuum packaging, which is a high-precision automatic leak testing machine. Sealing process and sealing performance can be effectively tested and evaluated.

Test principle

Leak tester using the negative pressure method principle, vacuum the vacuum chamber to make the immersed water sample have an internal and external pressure difference, then observe the gas escape situation to determine the sealing performance of the sample, or 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.

Application

| <i>Product</i> | <i>Name</i> |
|---|-------------------------|
|  | Food bags |
|  | Medical plastic bottle |
|  | Sterile bottles |
|  | Medical blister package |

Technical feature

- ★Controlled by a micro-computer
- ★The instrument utilizes the digital display design of vacuum degree and vacuum retention time to ensure the accuracy of test data
- ★Top-quality parts and components are used to ensure reliable overall product performance
- ★Specimens could be tested in the preset vacuum condition by automatic compensation of constant pressure
- ★Automatic end test
- ★Automatic back flushing

Specification

| Technical Parameter | |
|---------------------------------|--|
| Vacuum Degree | 0 ~ 90 (kPa) Other range can customized |
| Vacuum Accuracy | 1FS |
| Gas Supply Pressure | 0.5 ~ 0.7 (MPa) |
| Vacuum Holding Time | 0 ~ 60 (Min) |
| 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 sizes can be customized) |
| Machine Size | 430 X 330 X 170 (mm) |
| Weight | 9Kg |
| Environment requirements | |
| Air Pressure | 0.5 ~ 0.9 (MPa) |
| Environment Temperature | 15°C ~ 50°C |
| Relative Humidity | No more than 80%, no dewdrop |
| Power Supply | 220V, 50Hz |

Standards

ASTM D3078

Configuration

Standard configurations: Mainframe, Vacuum Chamber

Note: Customers will need to prepare gas supply by himself.