Packaging Leak Tester

It is suitable for sealing integrity testing of pharmaceutical packaging to prevent moisture, oxygen, and microorganisms from contaminating products.
Medicines: bottled, bagged, boxed, ampoules, vials, cartridges, prefilled needles (PFS), (BFS), (FFS), etc.
Spray cans: plunger spray cans; bag-lined spray cans; "energy jacket" spray cans; flexible tube spray cans.



MFT-1000

Characteristics

- Comply with USP <1207>, ASTM F2338 standards and FDA standards
- Non-destructive non-destructive testing, high accuracy, repeatability, sensitivity
- The leak rate can be automatically converted into defect aperture μm
- Database storage of test results for easy quality management
- Semi-automatic detection, suitable for small batch and multi-variety testing
- The instrument is used for vacuum pressure, pressure decay difference detection
- Database storage of test results for easy quality management
- Touch-type man-machine interface, simple and quick operation: after setting/selecting the test program, only need to manually put in/take out the test sample

Advantage Function

- Adpot automous optimization Linux system
- Automatic leak flow calibration function
- With audit trail function
- Split design, the test chamber is located above the host, and various test chambers can be provided according to different product types
- The test cavity is customized according to customer needs to ensure that the test cavity is fully matched with the customer's product, and rapid and sensitive testing
- Automatically test the flow rate and change the aperture size during the whole process
- Equipped with standard leaks (standard leak bottles, with third-party certification)
- Four-level user authority management meets FDA 21CFR PART 11 requirements
- We also provide users with supporting services related to tightness testing, including positive bottle(mould) production, standard leak rate/annual leak verification, new sample mold customization, sample methodological parameter development and verification, etc

Parameters

Differential Pressure Sensor	±2kpa, error≤0.5%F.S.
Differential Pressure Resolution	0.1pa
Test Pressure Sensor	Error≤±1%F.S.
Test Pressure Range	-0.1~0.2Mpa /-0.1~0.7MPa/-0.1~1.0Mpa (operational)
Minimum Detectable Aperture	2μm (for IV bag minimum 5μm)
Display Method	10-inch touch color touch screen
Voltage	AC100V-240V, 50/60Hz, power ≤200W
Weight	Host: about 30kg
Audit Trail	>=5 years of storage Multiple event logs, which can be queried according to time
Authority Management	Login with username and password, level 4 authority, meet FDA 21CFR PART 11 requirements
Print Function	Built in printer
History Record	>=300000 storage
Data Backup	Support U disk to export data
Interface	Ethernet USB RS485 (operational)

