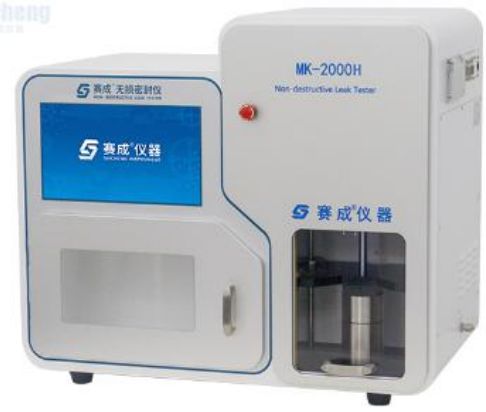
MK-2000H Nondestructive Leak Tester

MK-2000H Nondestructive Leak Tester The non-destructive test method, also known as vacuum decay method, is specially applicable to the micro leakage detection of ampoule bottles, penicillin bottles, injection bottles, freeze-dried powder injection bottles, pre-filled packaging, blister package and other rigid, semi-rigid and soft packages.



Product Features

- the non-destructive testing method is used to detect the micro leakage of the finished product packaging. After the test, the sample is free of damage and does not affect the normal use, effectively reducing the test cost
- It is used to detect small leakage holes and identify large leakage samples. The system automatically judges whether it is qualified or unqualified according to the leakage
- Both vacuum decay method and pressure decay method are combined in one instrument.
- the accuracy of vacuum decay and pressure decay can reach 0.03ccm (about 2 microns)
- it has a wide range of applications. The corresponding test chamber can be selected for different samples, which can be easily replaced by users
- Sample Pneumatic clamp mode makes the test chamber well sealed without leakage.
- automatically print the test results after the test without manual participation to ensure the accuracy and objectivity of the data;
- 12 embedded computer control system makes humanized operation more convenient
- equipped with micro printer and USB data interface, support PC software measurement and control operation, and the test unit could be exchange between mbar and Pa
- automatically save historical test records, query locally, and export them to excel format for saving
- Three-level authority management meets GMP requirements, test record audit and tracking functions

Test Standard

The instrument complies with the national and international standards:

YY / T 0681.18-2020: Test methods for packaging of sterile medical devices - Part 18: Nondestructive Testing of packaging leakage by vacuum attenuation method,

ASTM F2338-13 Standard Test Method for packaging leakage - vacuum attenuation method, usp1207 USP standard

Application

Basic application	It is suitable for micro leakage detection of ampoule bottles, penicillin bottles, injection bottles, freeze-dried powder injection bottles and pre filled packaging

	samples

Technical Data

Index	Parameter
Screen size	10 Inch embedded computer control
Test Method	Vacuum Decay and Pressure Decay
Vacuum Degree	Excellent vacuum as low as 10Pa
Accuracy	Grade 0.25
Accuracy of Detectable Holes	1-2 μm (3um is optional)
Test Chamber	The size and type are customized according to the sample
Test system	Triple sensor technology
Instrument Dimension	470 mm(L) × 360 mm(B) × 300 mm(H)
Power Supply	AC 220 V 50 Hz
Net Weight	12 kg

Configuration

Standard configuration: Instrument, 1 test chamber (customized as required)

Optional Parts: micro flow meter, positive sample, customized test chamber

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