

Vacuum Decay Leak Detection Tester



Product instruction

Vacuum Decay Leak Detection Tester is used to perform micro leakage detection on finished packaging by vacuum decay method. It is suitable for leak detection for the integrity of various packaging containers and applied to ampoules, vials, HDPE bottles, prefilled needles and other pharmaceutical packaging, food packaging, and chemical industry packaging. It is advantageous in its' non-destructive, non-damage and sample-free preparing characters. Our company is always committed to escorting the quality of medicines and foods. It provides professional data analysis software, one-click export report function and audit trail function. We have engaged in developing environmentally friendly packaging test equipment. Compared with the traditional color water method, microbial challenge method of leak detection, vacuum decay method is a zero emission, high-efficiency, non-destructive physical testing method. It is the best for manufacturers, inspection institutions and scientific research institutes to detect the leakage of pharmaceutical and food packaging.

Standard

ASTM F2338-2009(2013) Standard Test Method for Nondestructive Detection of Leaks in Packages by Vacuum Decay Method YY-T 0681.18-2020 Sterile medical device packaging test method, United States Pharmacopoeia USP1207 standard

Main Specifications

Technical Specifications	
Item	Technical parameters
Vacuum Degree	0~-100 kPa
Detection Accuracy	1-3 μ m
Test Time	About 30s
Machine Operation	HM1 (Come with the tester)
Internal Pressure	Normal pressure
Test System	Dual sensors system

Vacuum Source	External vacuum pump
Test Cell	Customized based on sample
Test Application	ampoules, vials, prefilled needles and others
Test Method	Vacuum decay method/Nondestructive Detection of Leaks
Dimensions	550mmx330mmx320mm(L*W*H)
Weight	18kg
Environment Temperature	20°C-30°C
Relative Humidity (RH)	Maximum 80%, No Condensation
Power Supply	220V

FOCUS IN MATERIAL TEST

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