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Analysis & Testing Instruments



Leakage Tester GB-M1



Introduction

The GB-M1 sealing tester uses compressed air as the power source and high-precision electronic pressure sensor as the measurement method. Through microcomputer control, it can effectively compare and evaluate the sealing process and sealing performance of flexible packages, and provide scientific information for determining relevant technical requirements. basis. It is suitable for sealing performance test of flexible packages in food, pharmaceutical, daily chemical and other industries.

Test principle

By evacuating the vacuum chamber, the sample immersed in water will generate a pressure difference between the inside and outside, and observe the gas escape or water infiltration in the sample, so as to judge the sealing performance of the sample.

Standard

ASTM D3078

Specification

Item	Technical Parameters
Vacuum degree	—(0~90)KPa
Vacuum precision	±1%
Vacuum keeping	1s~99h59m59s
Vacuum chamber available size	Standard (Φ270*270) mm

Vacuum tank size	Standard (Φ300*300) mm, Other sizes optional or customized: middle Φ450*350, large Φ600*500
Intake pressure	(0.6~0.8)MPa
Power supply	220 V, 50 Hz
Instrument size	(580×345×440) mm
Power	220V, 50Hz

Features

◆ High-quality accessories, quality assurance

The built-in high-precision pressure sensor has high sensitivity and can monitor the intake pressure in real time.

◆ Fully automatic operating system

Set the vacuum degree and holding time as needed, the instrument is fully automatic for testing, automatic vacuuming, holding the set time, automatic stop and inflation return.

The new air circuit system uses compressed air and is pneumatically driven, which can realize quick inflation and return to the position, and the internal and external air pressures are consistent.



◆ Excellent appearance, easy to operate

The host is embedded with a large-size high-resolution color LCD screen, which has clear views, sensitive point control, and easy operation.

The instrument has its own operating system, which can be tested independently from the computer, the data can be automatically processed, and the experimental

results can be automatically printed.

Application

	<p>Paper-plastic composite packaging</p>	<p>Sealability test for paper-plastic composite bags and boxes.</p>
	<p>Plastic packaging</p>	<p>Integral tightness test for plastic bottles, tubes, cans and boxes.</p>

Factory configuration

No.	Name	Model NO./Specification	Qty	Unit	Remark
1	Leakage tester	GB-M1	1	pc	
2	Vacuum tank	/	1	pc	
3	Power line	10A 1.8 mts	1	pc	
4	PU pipe	Φ8*Φ5	5	mts	
5	Reducer Straight Fitting	PG8-6	1	pc	

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