



MFY-CM Leak Tester

MFY-CM The leak tester is suitable for sealing test of products. It can effectively compare and evaluate the sealing process and sealing performance of soft packaging parts through the test. It is an ideal testing instrument for food, plastic soft packaging, wet towel, pharmaceutical, daily chemical and other industries.



Professional technology

- 7-inch color touch screen, user-friendly operation more convenient;
- Two test modes, pressure maintaining and pressure increasing, meet the test requirements of different materials;
- Full automatic control, pressure pumping, pressure maintaining, pressure supplement, timing, back blowing, printing, saving and data uploading are completed automatically;
- Equipped with micro printer, USB data interface, support PC software measurement and control operation, and exchange of mbar and kPa units;
- It can automatically save the historical test records, query locally, and save in Excel format;
- User hierarchical authority setting, meeting GMP requirements, test record audit and tracking functions;
- The test results are synchronously uploaded to the cloud server for storage, and can be browsed around the world if there is a network;
- Dual backup of local data and cloud data to ensure that data will not be lost;
- Bilingual choice of Chinese and English, convenient for customer language switching;

Rich application

Soft packaging bag, hard packaging bottle, medicine bottle, metal can, blister packaging, composite packaging.

Testing principle

This machine determines the sealing performance of the sample by vacuuming the vacuum chamber to produce the internal and external pressure difference of the sample immersed in water, and observing the gas escaping from the sample; by vacuuming the vacuum chamber to produce the internal and external pressure difference of the sample, observing the expansion of the sample and the recovery of the sample shape after the vacuum is released to determine the sealing performance of the sample.





Testing standard

The instrument meets a number of national and international standards: GB/T 15171、ASTM D3078、GB/T 27728、YBB00112002-2015、YBB00122002-2015、YBB00262002-2015、YBB0005-2015、YBB00092002-2015、YBB00392003-2015、YBB00112002-2015.

Technical index

Item \ Model	MFY-CM leak tester
Screen	7 Inch Touch Screen
Vacuum degree	0~-90kpa
Accuracy	1 Grade
Pressure resolution	0.1kpa
Negative pressure generation mode	Vacuum generator
Vacuum chamber size	Φ270mm×210 mm (H) (Standard) Φ360mm×585 mm (H) (Buy separately) Φ460mm×330 mm (H) (Buy separately)
Gas pressure	0.7MPa (supplied by the user)
Air connection	Φ6mm polyurethane pipe
Power supply	220 V/50Hz
Size	370mm (L) ×300mm (B) ×450mm (H)
Net weight	12 kg

Product configuration

Standard configuration	Mainframe, micro printer, test tank
Optional purchase	Test tank, software, computer
Note	The air source interface of the machine is Φ 6mm polyurethane pipe, which is provided by the user.

