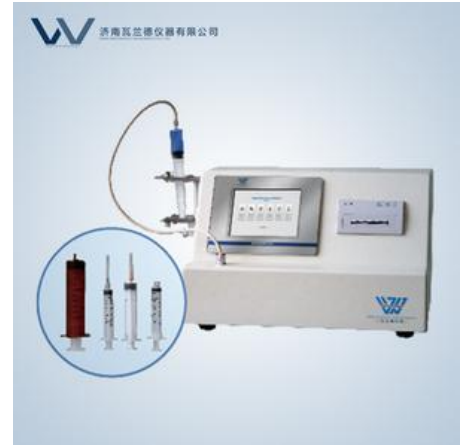


WY-003 Medical Syringe Air Leakage Tester

WY-003 Medical Syringe Air Leakage Tester is suitable for testing the tightness of syringe body. It is one of the important means to identify medical syringes.

Professional technology

- The tester adopts 7-inch professional color LCD screen.
- The program is set by PLC, automatic test, with printer.
- Chinese and English menu display: real time display of various parameters.
- The negative pressure of the measuring system will not drift within 1 minute, and the test results will be printed out by the airborne printer.



Test principle

The syringe shall be inhaled with water of no less than 25% of the nominal capacity, the cone head shall be upward, and the piston shall be drawn back to make the reference line coincide with the nominal capacity line. Then, it shall be placed on the syringe holder, and the pipe on the negative pressure output of the tester shall be firmly installed on the syringe cone head. The tester shall be connected to the power supply, and the power switch shall be turned on. After the digital meter of negative pressure display is stable, then press the start button to test. The tester will automatically suck air. When the negative pressure display number is expressed to -88KPa, the tester will automatically stop pumping air, and start to maintain for 60s. During this period, observe visually that there is no bubble in the contact part between the jacket and the piston (the negative pressure display number should not exceed the original display value of 0.5kpa), and the piston and the core rod should not be separated.

Test standard

The instrument meets many national and international standards : ISO 7886-1, ISO8537-2016, YY0497-2018.

Test application

Basic application	It is suitable for testing the tightness of various syringes.
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Technical index

Item	Parameter
Negative pressure output	-88Kpa±0.3Kpa
Test range	-5Kpa~-90Kpa. Adjustable
Test time	1S~9999S. Arbitrary setting, the error is not more than 0.1s
Power supply	AC220V, 50Hz
Machine power	60W
Size	400mm(L)×290mm(W)×240mm(H)
Net weight	8.5kg

Product configuration

Standard configuration	Host, fixture, printing paper, manual
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