

WY-005 Medical Syringe Sliding Tester

WY-005 Medical Syringe Sliding Tester is suitable for testing the sliding performance of syringe. It is one of the important means to identify medical syringes.

Professional technology

- The tester adopts 7-inch professional color LCD screen.
- Chinese and English menu display: real-time display of the starting force, average force, maximum push-back force, minimum push-back force, and core rod movement and force records.
- The intelligent controller selects the nominal capacity of the syringe, automatically judges the test results, and prints the test results by the airborne printer.



Test principle

Fix the syringe body, apply a force to one end of the core rod, and test the pull force and thrust force between the core rod and the syringe body at a certain speed.

Test standard

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

Test application

Basic application	It can be used to determine the sliding performance of various syringes.
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Technical index

Item	Parameter
Force range	0N~100N
Accuracy	Error fullness value $\pm 1\%$
Test speed	100 \pm 5mm/min
Litre capacity	0.1mL~100mL. Arbitrary choice
Test time	30 \pm 1s (Waiting time from the end of tensile test to the beginning of thrust test)
Size	400mm(L) \times 290mm(W) \times 275mm(H)
Net weight	15kg

Product configuration

Standard configuration	Host, fixture, weight, printing paper, instruction manual
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