

WY-006 Medical Needle (Tubing) Resistance Breakage Tester

WY-006 Medical Needle (Tubing) Resistance Breakage Tester is suitable for testing the toughness of injection needle. It is one of the important means to identify medical injection needle.

Professional technology

- The tester adopts 7-inch professional color LCD screen.
- Chinese and English menu display: nominal specification, pipe wall, span, set load, maximum deflection, print setting, test, up, down, time, calibration.
- The program is set by PLC, and the test space of automatic test station can be carried out at the same time.



Test principle

Fix one end of the needle tube, and apply a force value from the fixed point to the needle tube with the specified span. First, let the needle rest at a certain point, then bend it at a specified angle in the opposite direction, and then bend repeatedly until the specified number of times.

Test standard

The instrument meets GB18457-2015.

Test application

Basic application	It is suitable for toughness measurement of various injection needles.
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Technical index

Item	Parameter
Tube wall	Normal wall, thin wall and ultra thin wall are optional
Nominal specification	0.5~4.5mm
Test frequency	0.5Hz
Bending angle	15°、20°、25° Three angles
Bending distance	6~95mm
Accuracy	±0.1mm
Implementation times	Two way force application 20 times
Size	400 mm (L) × 270 mm (W) × 300 mm(H)
Net weight	10kg

Product configuration

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