

WY-023 Suture Needle Cutting Force Tester

WY-023 Suture Needle Cutting Force Tester is suitable for testing the cutting force performance of medical suture needle and is one of the important means to identify medical suture needle.



Professional technology

- The tester is composed of PLC programmable controller, LCD touch screen, force sensor, force measuring mechanism, transmission mechanism, airborne printer, etc.
- The tester adopts 7-inch professional color LCD screen.
- Chinese and English menu display: nominal specification, test deformation, test item, print, test, uplink, downlink, time, calibration.
- The menu on the LCD screen is controlled by the keyboard, and the maximum and average value of cutting force are displayed in real time to automatically judge whether the cutting force is qualified or not.
- The program is set by the intelligent controller, and the test data is printed by the built-in printer.

Test standard

The instrument is designed and manufactured according to YY0166-2002 and YY0043-2016 standards.

Test application

Basic application	It is suitable for the measurement of cutting force performance of various medical suture needles.
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Technical index

Item	Parameter
Instrument loading range	0~30N
Error	≤0.3N
Resolution ratio	0.01N
Test speed	≤10mm/s
Print type	10 test conclusions can be printed each time
Size	400 mm (L) × 270 mm (W) × 360 mm(H)
Net weight	20kg

Product configuration

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