PN-BL80F Back Peel Strength Tester

Introduction

PN-BL80F Back Peel Strength Tester is a sanitary napkin (sanitary pad) adhesive strength tester designed and developed by our company in accordance with the latest national standard GB / T8939. It is mainly used for women's external sanitary napkins, menstrual sanitary napkins, Detection of 180 ° adhesive peeling of non-menstrual sanitary napkins (sanitary pads) and standard cloth. Principle: Put standard cloth on the sanitary napkin (sanitary pad) adhesive. After processing for a period of time under specified conditions, peel the sanitary napkin (sanitary pad) from the standard cloth for 180 °. The average value of the peeling force within the peeling displacement, and the average peeling force is used to express the adhesive peeling performance of a sanitary napkin (sanitary pad).

The instrument adopts a vertical structure, the clamp spacing can be freely set within a certain range, the stretching stroke is large, and it is a mechatronic product. It adopts modern mechanical design concepts and ergonomic design principles, and uses advanced high-speed ARM processing. The device is carefully and reasonably designed and made. It is a new generation of adhesive peel strength tester with novel design, convenient use, excellent performance and beautiful appearance.

Standards

GB/T8939-2018

Features

1. Adopt new module circuit design, with WIFI function. After networking, the test results can be saved to the cloud server, and query and generate reports through the dedicated QMS100 quality management system software.
2. Adopt ball screw transmission structure, high transmission efficiency and accurate positioning.
3. Adopt 5 ”color touch screen technology, can display force value and deformation curve;
4. The force value and deformation curve are displayed in real time, and the test result is displayed on the screen after the test.
5. With statistical function, display average, maximum, minimum, standard deviation and coefficient of variation.

Specifications

1. Power supply: AC 100~240V±10% 2A 50/60HZ
2. Accuracy: ±1%
3. Indication variability: < 1%
4. Resolution:1mN

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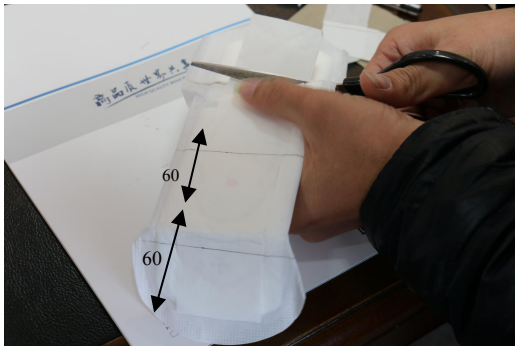
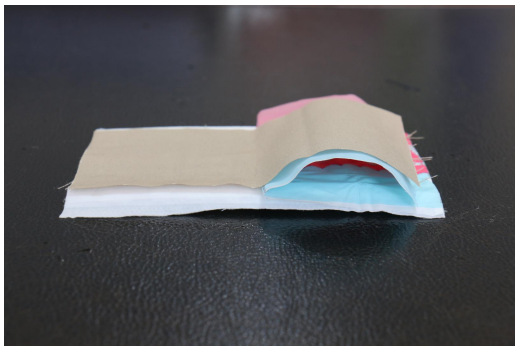
5. Measuring range: (1~50000)mN
6. Deformation error: ≤±0.1mm
7. Standard weight: 5pcs, Size 80X62mm,500g, Stainless steel
8. Working stroke: (20-350)mm
9. Testing speed: 400±10mm/min
10. Return speed:(5-500)mm/min
11. Display： 5” touch screen
12. Printing output: Built-in thermo-printer
13. Output: RS232/USB(optional)
14. Working environment: room temperature (20±10)℃, relative humidity: < 85%
15. Dimension: 495 mm×355 mm×925mm
16. Weight: 53kg.





3.Stick standard cloth

4. Standard weight pressing

5. Tesing

Note: After step 4, it should be placed in a constant temperature box at (37 ± 2) ℃ for 1 hour, and then taken out and cooled for 20min in a temperature (23.0 ± 1.0) ℃ and relative humidity (50.0 ± 2.0)% environment. Remove the weight and test again

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