



Dongguan Hust Tony Instruments Co., Ltd

东莞华科东尼仪器有限公司

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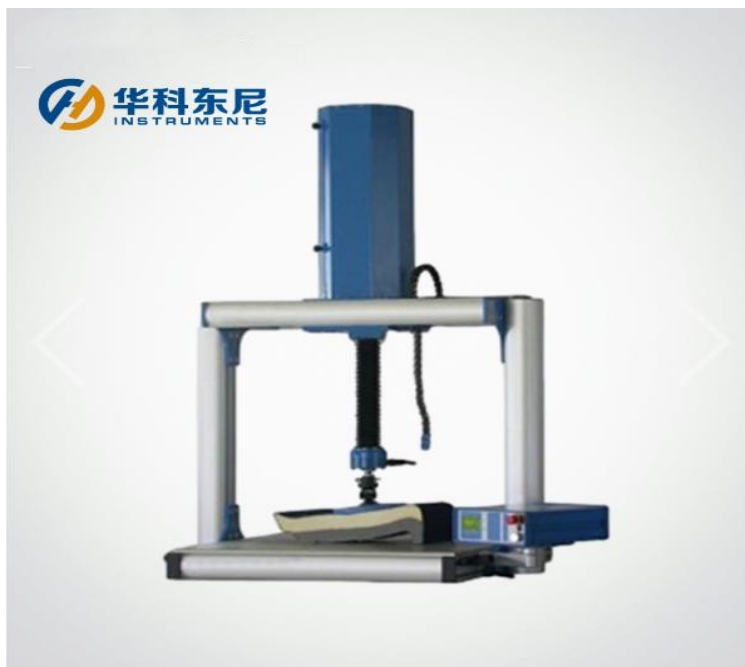
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Specification and Picture

Items 01:

TNJ-009 Mattress Hardness Tester



Introduction of product:

This tester is used for testing the softness and hardness of spring mattress and evaluating the hardness level. It can be used with durability test for the surface of mattress and durability test for the edge. Evaluate the test data before and after the test. Put the mattress on the platform of the test, using loading plate to load to the parts of test.

Record the curve of loading process and evaluate the value of hardness according to relevant test data.



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Feature:

1. It is made of aluminum, generous and beautiful.
2. Control system adopts special high precision and high intelligence ARAM controller.
3. It can be run under WINDOWS system with special test software.
4. The software interface is clear and easy to be operated.

Test principle:

1. Place the mattress on the test platform and load the test site through the loading plate
2. Record the curve and related data during the loading process to evaluate the hardness value

Technical parameters:

1. Loading plate: diameter 355mm,
2. Radius of curvature of the end R800mm
3. Capacity: **2kN** Loading
4. Loading speed: 90 ± 5 mm/min
5. Stroke: 500mm
6. Modulation of loading plate's position: left and right are both 300mm.
7. Drive motor: Servo motor

Standards:

QB/T 1952-2011