



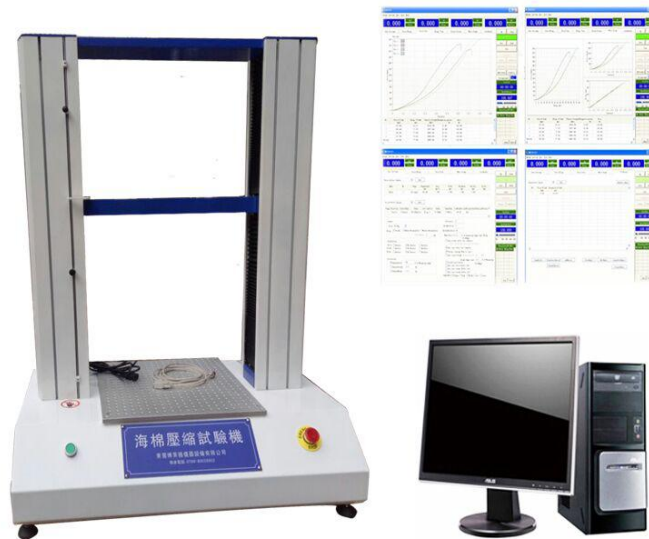
东莞中力仪器科技有限公司
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Introduction

Name: ZL-2010 Foam Indentation Force Deflection Tester(Computer type)



- Direct Manufacturer.
- Excellent Quality.
- Technical Innovation.
- Fast Shipping.
- Superior Service.

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Description:

This machine is used to measure the concave hardness of porous elastic materials. The polyurethane sponge foam sample can be tested and tested according to the national standard, and the hardness of the sponge, foam and other materials can be accurately measured. It can also be used to measure the specified indentation hardness of the seat foam (such as the backrest, cushion foam, etc.) that has been produced, and accurately measure the indentation hardness of each foam member of the seat.

Principle:

The sponge foam compressive stress test places the sample between the upper and lower platens, and the upper platen compresses the sample of a certain size downward at a predetermined speed to the concavity specified by the A method (B method, C method) required by the national standard. At the time, the load element on the load feedbacks the sensed pressure to the controller for processing and display, thereby measuring the indentation hardness of materials such as sponges, foams, and the like.

Functional characteristics:

1. Automatic clearing: After the computer receives the test start command, the system will automatically clear it.
2. Automatic return: After the sample is broken, it will automatically return to the initial position.
3. Automatic shifting: According to the size of the load, different gear positions can be switched to ensure measurement accuracy.
4. Change speed: This machine can change the test speed arbitrarily according to different samples.
5. Indication verification: The system can achieve accurate calibration of force values.
6. Control method: Test methods such as test force, test speed, displacement and strain can be selected according to the test requirements.
- 7, a multi-purpose machine: equipped with different specifications of the sensor, can achieve a multi-purpose machine.
8. Curve traversal: After the test is completed, the mouse can be used to find out the point-by-point force value and deformation data of the test curve and analyze it.
9. Display: Dynamic display of data and curve test process.
10. Results: The test results are accessible and the data curve is analyzed.
- 11, limit: with program control and mechanical limit.
12. Overload: Automatically stops when the load exceeds the rated value.

Standard:

Meet ASTM D3574

Technical parameters:



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1. Control mode: Computer type
 - 2, induction method: precision load weight;
 3. Capacity: 200kg;
 4. Unit switching: Kg, N, LB;
 - 5, the upper pressure plate: diameter 203 mm, the bottom rounded corner R1mm;
 - 6, the lower platform: 500 × 500mm, venting hole diameter 6mm, spacing 20mm;
 - 7, the maximum stroke: 200mm;
 - 8, test speed: 100 ± 20mm / min;
 - 9, power source: servo motor;
 - 10, transmission mode: precision ball screw;
 - 11, power: single phase, 220V, 50Hz/60Hz, 2.5A;
 - 12, weight: 160kg;
 13. Machine size: 800 x 850 x 1250mm

