

GT-LA Model

GT-LA02 Mattress Roller Tester

The Mattress Roller Tester is an instrument for testing the bearing capacity and durability of various types of mattresses for long-term repetitive loads.

Standards

ASTM F1566 BS EN 1957,QB/T 1952.2



GT-LA03 Mattress Spring Fatigue Tester / Cornell Tester Surface Flash Tester

It's applied to test the endurance capacity under the long-term repetitive load and the compression deformation for the mattress. Accord with the standard ASTM F 1566. With sofa Cornell fatigue life test method, motor drive eccentric wheel, adjust the impacting height of the impact block, then impact the testing mattress by 120-160 times / min, counter measures the impacting times, shut down automatically when reaches the setting times.

Standards

ASTM F1566



GT-LA04 Mattress Hardness Tester

Mattress hardness tester is used to evaluate the firmness of the instrument. It is widely applied to foam products, mattress manufacturing, car seat manufacturers and other industries, which is used to laboratory test and quality control in production line.

Standards

ASTM F1566 BS EN 1957,QB/T 1952.2



GT-LA05 Foam Compression Tester & Mattress Hardness Tester

1.1 This machine is designed to measure the firmness rating of a mattress before and after rolling, according to ASTM F1566.

1.2 It is also used to determine firmness of Foam using AS2282, ASTM D3574 as reference standard.

Standards

AS 2281, ASTM F1566, ASTM D3574 -- Test B, ISO 338



GT-LA06 Foam Constant-load Pounding Fatigue Tester

Determine the thickness reduced value and hardness decreased value of porous elastic materials used in interior decoration.

Standards

GB/T 18941,GB/T 12825,ISO 3385



GT-LA07 Shear Roller Test Machine

The machine is intended to provide a means for the evaluation of foam samples utilising the shear roller. This allows for comparison of the performance of different types of foams under the same conditions of use.

Standards

ASTM D1564 & D3574 / AS2282.12 Clause 3.3 Method B



GT-LA08 Mattress Comprehensive Performance Tester

This machine is the newest design mattress comprehensive performance tester according to EN 1957 and EN 1725 standard. In general, the machine is configured with the following four test functions: Height loss test, Durability test, Hardness Value & Firmness rating test, Bed edge durability test.

Standards

ISO 8098, GB 8098

