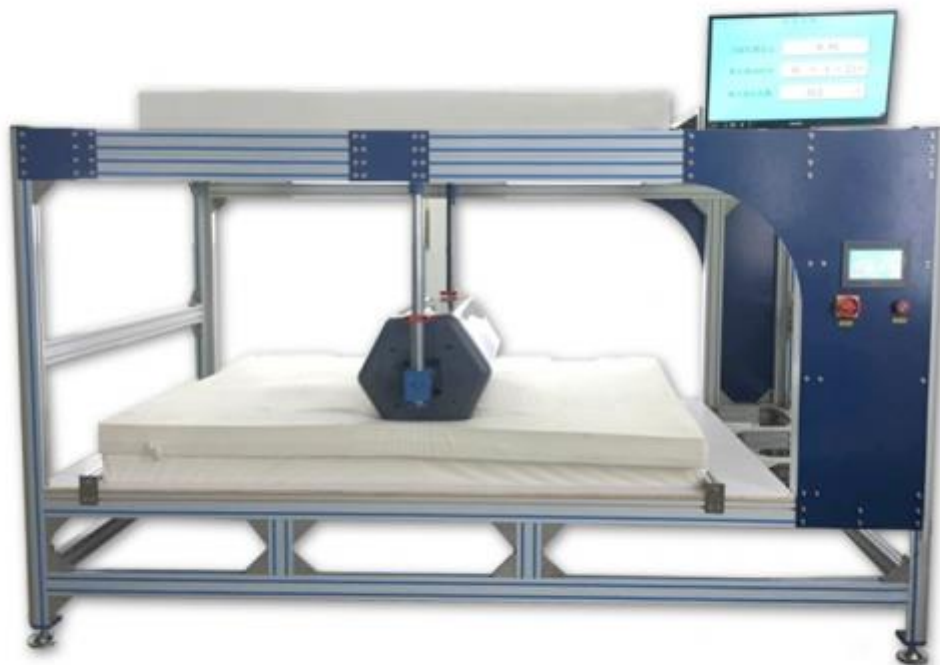


Mattress Roller Tester

GT-LA02



Application:

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

Principle:

It is designed by imitating people continual roll over on the mattress (positive pressure, lateral pressure, and overturn, etc.). Use cylinder or hexagon to load the testing part of mattress which is horizontally placed for repeated loading, to determine the mattress endurance for long-term repetitive loading.

Standards:
ASTM F1566
BS EN 1957
QB/T 1952.2

Dimensions

External Dimensions:
(L*W*H)
Package Dimensions:
(L*W*H)
Gross Weight:
Net Weight:



Safety Instructions

Avoid using it in the following situation:

- 1.It is not allow shaking and swaying.
- 2.Place of direct sunlight.
- 3.It is not allow high temperature, dusty, wet places.
- 4.The earth connection of alternating current which supply to the equipment (ac) should be good, it must be safe.
- 5.Please do not use strong solvents to clean machine gear. Such as benzene, nitro class oil)
- 6.Water and sundry does not put into machine, in order to protect electrical components and preventing electric shock.
- 7.Instrument monitor interior of disassembling and debugging only can be supervised by the ministry of national metrology units and company, and it should not be repaired by others.

Key Specifications

Controller	PLC programmable control
Length of Hexagon Cylinder	36±3in(915±75mm)
Weight of Hexagon Cylinder	240±10Lb(109±4.5kg)
Opposite Distance of Hexagon Cylinder	17±1in(430±25mm)
Length of Round Cylinder	1000mm
Weight of Round Cylinder	1400N
Diameter of Round Cylinder	300mm
Testing Route	ASTM 1566: Max.mattress width, Min. 70% of mattress width or 38in(965mm), take the <u>minium</u> value of t BS EN 1957: 250mm of mattress center line
Testing speed	Within 15r/min (can be adjusted)
Power supply	1 φ , AC380V, 5kW, 220V, 50Hz, 60Hz, 110V, 50Hz, 60Hz
Standards	ASTM F1566