

Mattress Impact & Drop Tester

GT-LA01



Application:

Mattress impact tester is widely used to determine and assess the impact resistance of built-in and box-type mattress, to evaluate sofa and mattress sustaining rapid drop on seat or jumping stress ability. The machine consists of a $79.5 \pm 1\text{kg}$ platen, which drops down and impacts the test specimen from various heights as selected by the operator. It is suitable for common mattress, foam mattress and spring mattress.

Standards:

ASTM F1566 section 8

Dimensions

External Dimension:
≈750*1900*1800 mm(L*W*H)
Package Dimension:
≈900*2200*2000 mm(L*W*H)
Gross Weight:
≈450KG
Net Weight:
≈530KG



Feature

- 1.This machine is adopted Touch Screen+PLC control model, easy operation.
- 2.Main components is adopted exported Celtron sensor (Made in USA).
- 3.This machine could test the samples thickness, up to impact height and analyse the test result automatically.

Key Specifications

Model		GT-LA01
Controller		Touch screen+PLC programmable control
Load cell		Celtron,5KN
Platen	Weight	79.5 ± 1kg
	Diameter	356±10mm
	Thickness	91±5mm
	Convex spherical curvature radius	300 mm
	Edge radius	25±2.5mm
Power supply		1φ, AC 220V 50/60Hz

Dimension (WxDxH)	W750×D1900×H1800mm
Weight	≈450Kg
Standards	ASTM F1566 section 8

