



Furniture Universal Testing Machine

GT-LA10



Application:

This tester is used for testing the mechanical properties of tables , desks ,beds. Can perform the horizontal static load ,vertical static load, impact test and durability test.

Feature:

1. The machine adopts frame structure design. The frame is made of high quality industrial aluminum, beautiful and generous.

2. Up to 8 sets of cylinders installed, one set on each side, three on top frame, and one reserved. All cylinders can be adjusted up and down, forward and backward to cover all mounting surfaces. The eight sets of cylinders can execute joint or independent operation.
3. The bottom fixed block is free to adjust the position to accommodate different specifications of the sample.
4. PC controller to control the actions of the instrument; the operation is intuitive and simple.
5. Using the precision pressure regulating valve to adjust the pressure to change the loading force value; high precision force sensor sense the force value immediately; each load group adjusts the control individually; the loading force is stable and reliable.
6. Removable loading pad, can easily change the different loading pad to meet the different test requirements.

Standards:

Tables & Desks&Storage Units EN1730-2012 Section 6.2, 6.3, 6.4,6.5, 6.6, 7.2, 7.3 ,
BS EN 15372-2016 Test1, Test2,Test3,Test5, Test6,Test8,Test10,
AS NZS 4610.3-1999 Annex B,D,E,G,N,P,R
AS NZS 4442-1997 Annex A,B,H,J
EN527-3, EN581-3,
GB/T 10357.1,
BIFMA X5.5 - 2014,
BIFMA X5.6 - 2010,
BIFMA X5.9 - 2012,
Bed EN 1725 Section 7.3, 7.4, 7.5, 7.6 ,7.7
EN 747-2 Section 5.4,5.5,5.6.1,5.7,5.8

Key Specifications

Model	GT-LA10	
Frame space	2.5x2.5x2.2m (Other configurations available on application)	
Control method	PC control	
Load cell	3KN (Celtron Brand)	
Air cylinder	Japan SMC Brand	
Electromagnetic proportional	Japan SMC Brand	
Power supply	1Φ, AC 220V	
Standard Accessories	4 sets	Horizontal loading device
	3 set	Vertical loading device
	1 set	Spare Loading device
	1 set	GT-LB01-6 Seat Impactor Device
	1	GT-LB01-11 BIFMA Bag Type Impactor device
	8 pcs	GT-LB01-5 Local loading pad
	2pcs	GT-LB01-3 Smaller seat loading pad
	1pc	GT-LB01-4 Back loading pad
	1pc	GT-LB01-2A Seat loading pad
	4pcs	Stoppers
	1pc	Stationary fixture
Optional accessories	1pc	GT-LB01-1A Loading point template
	1set	GT-LB01-7 Impact hammer
	1pc	GT-LA12 Bunk Bed Test Mass
	4 pcs	75mm*75mm Loading pad
	1set	100kg Disc superimposed weight
	1pc	Φ300MM Loading pad
	1pc	Φ400MM Loading pad
	1set	GT-MA12B Air Compressor