



Chair Armrest And Seat Front Edge Testing Machine

GT-LB03S



Application:

The Chair Testing Machine tests the strength and durability of the handrails, seats, or other parts by simulating the loading of the seats during routine use.

The Chair Testing Equipment is equipped with two drive units, and can be individually controlled to repeatedly load the test points of the seat. Through different parameter settings, the machine can complete the following types of test functions on the seat:

1. Armrests Vertical static load test;

2. 10o angle handrail durability test;
3. Seat front edge static load and durability tests;
4. Vertical static load test on backrests;
5. Foot rest static load and durability testing;
6. Leg rest static load test;
7. Armrest upward static load test (need to tie the weight test);
8. WordPad vertical static load and durability test.

Standards:

EN 1728-2012 Section 6.6,6.8, 6.9, 6.11, 6.12, 6.13,6.14, 6.18,6.20, 6.21 ,6.22, 7.4, 7.5, 7.6, 7.8, 7.10 , 7.12

EN1335-3 -2009 Section 7.2.1, 7.2.3, 7.2.4, 7.2.6, 7.3.2,7.3.4,

EN 1729-2-2012 Section 5.3.4, 5.3.9,5.3.11, 5.3.12

EN581-2-2015 (corresponding with EN1728-2012),

ISO 7173-1989 Section 7.1, 7.4

GB/T 10357.3 Section 4.3.3, 4.4, 4.6, 4.9,

QB/T 2280-2007 Section 6.6.5, (6.6.13.2 Load pad(optional accessory) is required)

BIFMA X5.1 - 2011 Section 21,(11.4,19, 20, 23,24 Load pad(optional accessory) is required(

EN 16139-2013 (corresponding with EN1728-2012)

BS5459-2-2000 Section A5.5, A7.3

Key Specifications

Model	GT-LB03S	
Load capacity	2000N	
Force device stroke	0-80cm	
Stroke range	60-160cm	
Load Angle	0~10° (The angle to the vertical is adjustable)	
Test speed	5~40 times/min	
Testing time	0-99999 (can be adjustment)	
Control method	PLC control	
Dimension(WxDxH)	150×150×190cm	
Weight	350kg	
Power	1 φ , AC 220V 50Hz	
Standard Accessories	GT-LB01-2A Seat loading pad	1 pc
	GT-LB01-3 Smaller seat loading pad	2 pcs
	GT-LB01-5 Local loading pad	2 pcs
	Arm rest loading pad	2pcs
	Stationary fixture	1 pc
	Stops	2pcs