



## Chair Armrest Durability Testing Machine

GT-LB03L



### **Application:**

The chair tester 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 Machine 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. 10° 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.
9. Additional seating and leg static load test for the reclining chair.
10. Recliner chair additional seat surface durability test.

**Standards:**

EN 1728-2012, EN1335-3 -2009, EN 1729-2-2012, EN581-2-2015, ISO 7173-1989, GB/T 10357.3, BIFMA X5.1 - 2011, EN 16139-2013

## Key Specifications

Model	GT-LB03L	
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)	240×200×190cm	
Weight	500kg	
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
Optional Accessories	GT-LB01-1A Loading point template	
	1 pc	
	GT-LB01-8 203mm loading pad ( BIFMA X5.1-11.4, 23,24)	
	2pcs	
	GT-LB01-9 BIFMA102&50mm loading pad( BIFMA X5.1-19,	
	2pcs	