



## Arm Rest and Seat Back Testing Machine GT-LB02

### Product Introduction

#### Application:

The tester tests the strength and durability of the arm, seats, back or other parts by simulating the loading of the seats during routine use. The machine is equipped with five drive units, and can be individually controlled to repeatedly load the test points of the chair. 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. Leg Strength Test - Front and Side Application;
6. WordPad vertical static load and durability test.
7. Arm rest sideways static load test
8. Backrest Strength Test- Static
9. Armrest upward static load test (need to tie the weight test)

#### Feature:

1. Chair Seat Arm and Back Testing Machine main structure of the machine is made of aluminum, beautiful and easy to maintain.
2. Servo motor drive, test load control more accurate, and the noise is even smaller.
3. PLC touch screen control, operation more convenient.

#### Standards:

EN 1728-2012 Section 6.5,6.6, 6.10, 6.11, 6.12, 6.13, 6.14, 6.15, 6.16, 6.18, 6.20, 6.22, 7.4, 7.5, 7.6, 7.7, 7.10, 7.12  
 EN1335-3 -2009 Section 7.2.1, 7.2.3, 7.2.4, 7.2.5, 7.3.2,  
 EN 1729-2-2012 Section 5.3.4, 5.3.5, 5.3.12  
 EN581-2-2015 (corresponding with EN1728-2012),  
 ISO 7173-1989 Section 7.3, 7.4  
 GB/T 10357.3 Section 4.3.3, 4.4, 4.5, 4.6, 4.9,  
 QB/T 2280-2007 Section 6.6.5, 6.6.6, 6.6.13.2  
 BIFMA X5.1 - 2017 Section 5, 6, 9, 10.4,13, 14,15, 20, 22, 23, 24  
 EN 16139-2013 (corresponding with EN1728-2012)  
 BS5459-2-2000 Section A5.5,A7.2, A7.3

### Key Specifications

Model	GT-LB02
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	600kg
Power	1 φ , AC 220V 50Hz

#### Accessories

Standard Accessories	2 pcs	GT-LB01-3 Smaller seat loading pad
	2 pcs	GT-LB01-5 Local loading pad
	2 pcs	GT-LB01-8 203mm loading pad
	2 pcs	Arm rest loading pad
	1 pc	GT-LB01-10B BIFMA Cumulative Weight
	1pc	Seat back fixture
	1pc	Bifma Arm rest pull-down loading pad
	1 pc	Stationary fixture
	2 pcs	Stops