



Three Stations Chair Seating and Back Testing Machine GT-LB04C

Product Introduction

Application:

The tester tests the strength and durability of the seats and backrests by simulating the routine use loading of the seat. The machine is equipped with three stations, it can be used to test the three samples simultaneously. Each station is equipped with two drive units (servo motors), 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. Seat and back static load test.
2. Seat and back durability test.
3. Seat front edge static load and durability tests;
4. Horizontal forward static loading test for backrest.
5. Headrest static load test,
6. Legs forward static load test,
7. Leg lateral direction static load test.

Feature:

1. The main structure of the machine is treated with baking varnish, it is beautiful and easy to maintain.
2. Servo motor drive, test loading control is more accurate, and the noise is even smaller.
3. PLC touch screen control makes the operation more convenient.
4. The height of the whole drive device can be adjusted up and down.
5. The angle of back loading device is adjustable.

Standards:

EN 1728-2012 Section 6.4, 6.5, 6.7, 6.12, 6.15, 6.16, 6.17, 7.3, 7.4,7.9, 8.2, 8.4.1,8.5
 EN581-2-2015 (corresponding with EN1728-2012),
 EN1335-3 -2009 Section 7.2.1, 7.2.2, 7.3.1
 EN 1729-2-2012 Section 5.3.2, 5.3.3, 5.3.5, 5.3.6,
 ISO 7173-1989 Section 7.1, 7.2, 7.3, 7.5, 7.6, 7.7, 7.8,
 GB/T 10357.3 -2013 Section 4.3, 4.4.4.7,4.8,4.10,4.11,
 EN 16139-2013 (corresponding with EN1728-2012)
 BS5459-2-2000 Section A5.1
 QB/T 2280-2007 Section 6.6.4, 6.6.9

Key Specifications

Model	GT-LB04C
Working position	3
Seat surface load capacity	2000N
backrest load capacity	2000N
Seat surface height	15 - 70cm
Testing time	0-99999 (can be adjustment)
Control method	PLC touch screen control
Power	1 phase AC 220V 50/60Hz
Dimension (WxDxH)	300x200x200cm
Weight	1000kg

Accessories

Standard Accessories	1 pc	GT-LB01-1A Loading point template
	3 pcs	GT-LB01-2A Seat loading pad
	3 pcs	GT-LB01-3 Smaller seat loading pad
	3 pcs	GT-LB01-4 Back loading pad
	3 pcs	GT-LB01-5 Local loading pad
	3 pcs	Stationary fixture
	6 pcs	Stops