



## GESTER Chair Swivel And Castors Durability Testing Machine

GT-LB07A



### **Application:**

The Chair Testing Machine applies to test all chair types with a swivel seat or with castors. And the machine equip with 2 functions:

1. Chair swivel durability test: The base of the chair shall be secured on a rotating table so that the rotating axis of the chair coincides with the rotating axis of the table. The upper part of the chair shall be loosely fixed in such a way as not to hinder the rotation of the base. Load the seat in loading point with the specified additional load. Then rotate the chair at the specified rate and angle. Change direction after each rotation. Thus, to test the chair swivel structure durability.

Castors durability test: Load the seat with the specified load,the base and whose upper parts shall be loosely fixed in such a way that there is no rotation of the base but that the natural swivel of the castors during testing are not prevented, thus,to test the castors durability.

The purpose of this test is to evaluate the ability of the chair to withstand stresses and wear of repeated swiveling.

#### Standards:

EN 1728-2012 Section 6.29 method 1, 7.11 ,7.13 method 1  
ANSI/BIFMA X5.1 - 2017 Section 8 ,  
EN1335-3 -2009 Section 7.3.3, 7.3.5 method 1  
QB/T 2280-2007 Section 6.6.12,

### Key Specifications

Model	GT-LB07
Control method	PLC Touch screen control
Rotation speed	5~15 round/min
Rotation angle	0~360° (Angle can be set arbitrarily, and can forward and reverse rotate)
Test load	240Lb(109kg), 270Lb(122kg), ( Accumulative type weights)
Cycle index	0~999999, can be arbitrarily set
Power supply	1φ AC 220V 50Hz 5A
Dimensions	100×100×140cm
Weights	300Kg

#### Accessories:

Standard Accessories	GT-LB01-10B BIFMA accumulative type weights
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	Caster fixing device
	Base fixing device
	Seat fixing device