

## Product Presentation



## Application

The latest design of the machine has two test functions:

- First test is to evaluate the ability of the chairs to withstand fatigue stresses and wear caused by rearward force on the backrest of the chair
- Second test is to evaluate the ability of the tilt mechanism to withstand the fatigue stresses and wear caused by repeated tilting.



## Standards

ANSI/BIFMX5.1 Part 10 ,15,16

## Key Specification

Model	GT-LB13	
Load cell capacity	2000N	
Seat load weights	102kg(225Lb) (weights Accumulation)	
Back loading force value	334N(75Lb)/445N(100Lb)/ Can be set	
Back loading position	Backrest height>452mm	406mm
	Backrest height<452mm	Load on the top of backrest
Back loading force direction	Angle	90°±10°
Test speed	10~30 times/min	
Test Times	0~999 999 times, settable	
Force adjustment method	Servo valve + Force sensor	
Control	PLC touch screen control	
Dimensions(W*D*H)	136*66*140 cm	
Gas source	Stable gas supply(> 6kgf/cm <sup>2</sup> )	
Power	1 φ ,AC220V, 50/60 HZ 3A	

## Accessories

Standards accessories	1pc	Stationary fixture
	1pc	Stops
	1pc	GT-LB01-10A BIFMA Cumulative Weight
Optional accessories	Optional	GT-MA12B air compressor