

Product Presentation



Application

This tester applies to all chairs with casters, to evaluate rolling resistance of the unloaded chair.

Test Principle : The chair shall be placed on the test floor and shall be pushed or pulled over a distance of at least 550 mm. A speed of (50 ± 5) mm/s shall be maintained over the measuring distance. The force shall be applied at a height of (200 ± 50) mm above the test surface. Record the force used to push or to pull the chair over the distance from 250 mm to 500 mm as the rolling resistance.

Feature

- The frame is made of high quality aluminum, beautiful and generous.
- PLC touch screen
- It is driven by servo motor, and works stably
- Celtron pressure sensor imported from America makes measurement more accurate.



Standards

QB/T 2280-2007 Section 6.6.1

EN 1728-2012 Section 6.30 , 7.14

EN1335-3 -2009 Section 7.4

Key Specification

Model	GT-LB10
Control system	PLC touch screen
Pressure sensor	Celtron , 100N
Moving stroke	≥550 mm
Driving method	servo motor
Test speed	(50±5) mm/s
Load point	(200±50) mm above the test surface
Dimension(W*D*H)	180*120*85 cm
Power supply	1 φ AC 220V 50/60Hz 3A