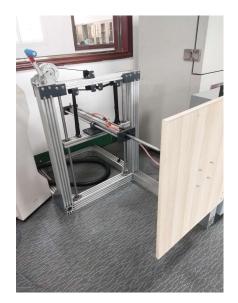Product Information

TNJ-026 Cupboard Door Hinge Durability Tester

Use: Link the furniture contains hinge with this tester,simulate in process of repeating open and close the sliding door in daily use.Repeat it after a certain numbers,evaluate the hinge whether exists damage or other effect of using.

It Can be used in installed products to test, connect various sliding door and side direction firmly, no producing any acting force to effect the testing.

Standards: QB/T 2189 , ANSI/ BIFMA X5.9 , ANSI/BIFMA X5.5 -2014，
BSEN 1622-2012

Specifications:

Power	1∮ AC 220V 50Hz 3A
Open Angle	90-120degree
Counter	0-9,99999
Air supply	7kgf/cm^2or above stable air
Weight	≈85Kg
Dimension(W*D*H)	150x100x160cm
Test speed	10~18times/min adjustable
Cylinder stroke	800mm
Beam Max.height	1200mm

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3)Technical specifications

ØThis machine use for open and close cabinet door and must to fulfill minimum needed as follow:

a.Power supply: single phase AC 220V.1KW

b.Compress air – 6 kg/cm²

c.AC motor – to control the height from 250- 1000mm

d.Pneumatic cylinder

-Double acting cylinder with magnetic switch

-Have a fixture to hold the door handle and open/close the door up to130˚

e.Control panel/ console consists of:

·ON/OFF switch button

·6-digits Electronic Predetermine Counter (EPC)

-The EPC will register every stroke of the cylinder up to six digits,

-Will stop the test operation to the preset stroke,

-The EPC will display the number of stroke achieved during the test,

-EPC also able to store the number of cycles when the power interruption take place and able to display the actual reading and continues counting when operation resumes

-The signal shall maintain until the counter is reset

Note: one stroke is counted as one cycle