

Product Information

TNJ-006 Chair Backward Durability Tester

Use : Evaluate durability of the chair with backward function under the loading status.

Standard :

ANSI/BIFMA X5.1-2017 ,EN 1335: 2000



Specifications

This machine need to fulfill minimum as follow for apply load was decided on backrest following cycle or time decided:

- a)One pneumatic cylinder with load cell capacity 2000N
- b)Adjustable load direction (90° to the chair backrest)
- c)Form- fitting load distribution device which distributes a force over a 305±13mm x 70 ± 32mm (12±0.5" 2.75"± 1.25") area of the chair backrest
- d)Two(2) operation mode:
 - Electronic predetermined counter (EPC) – 6 digit counter to stroke the cylinder up to 120,000 cycles
 - Timer – to apply and release the force after One (1) minute. Compress air: ±6kg/m²
- e)PLC programming code supplied
- f)Single phase AC220V
- g)Speed: adjustable (10-30 cycle/minute)