



Four-Column Carton Compression Tester (Computer Control) GT-N02D



Application:

This **computer control Carton Compression Tester** uses high-precision force sensor to test the resistance value of pressure and display it directly. The most direct equipment for testing the pressure resistance of containers made of cardboard or other materials. It is used to determine the cargo capacity and stacking height of the carton. It is suitable for the compression and holding test of various packages and cartons. The test results can be used as an important reference for the stacking height of the finished packaging box or an important basis for packaging box designing.

box compression test Standards:

ISO2872, ISO2874, ASTM D642 , TAPPI T804

Feature

- Power system: servo motor + servo drive + worm gear reducer + ball screw
- Box Compression Strength Tester Speed range: 0.001-500mm/min (adjustable)
- After the test, it will automatically store and return to the origin
- Data transmission: RS232 transmission
- Box Compression Tester test space: test width≈1600mm; board travel space≈1600mm
- Displacement: Encoder 1000 P/R, 4 times better accuracy
- With LINE DRIVE encoder with anti-interference ability and strong displacement analysis
- 0.001mm.
- Safety device: overload emergency stop device, upper and lower stroke limit device, leakage automatic power off system, automatic interrupt stop function.
- Manual control mode: increase the manual operation box.

Key Specifications

Model	GT-N02D
Test Space	1600×1600×1600mm (can be customized)
Capacity	30KN, 50KN, 70KN, 100KN (optional)
Accuracy	±0.5%
Unit	International units(switch freely)
Control System	Motor + servo system
Induction Mode	High precision load cell
Display	Computer screen display
Test Speed	0.001-500mm/min adjustable (standard speed 12.7mm/min)
Return Speed	0.001-500(adjutable)
Holding Function	With Holing Function(holding time / weight can be set)

Accessories:

High precision ball screw	1set	Taiwan HIWIN high precision ball screw
Load sensor	4pcs	GESTER bridge type sensor with high linearity and 0.5% accuracy
Motor and Servo System	1set	A set of Taiwan Delta servo motor to control displacement
Chinese version Professional Test Software Based on Windows System	1set	GESTER's self-developed system, equipped with a set of driver CDs, which can be installed on any computer