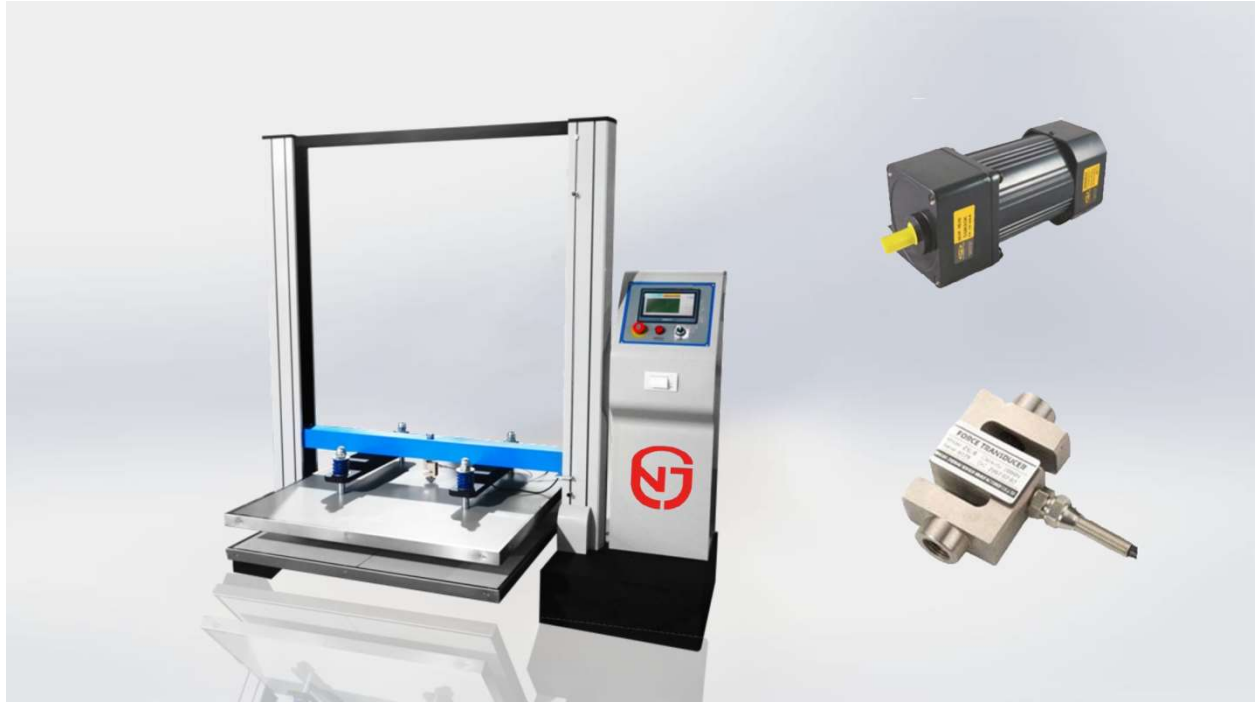


Microcomputer Compression Test Machine

Brand: JNG

Model: JG-302B



(Photo for reference only)



Product Description

This Microcomputer Box Compression Tester is specialized for testing the compression performance of cartons. Generally, suitable for compression test and stacking test of the corrugated cartons, honeycomb boxes and etc packages. Also, it will be use for the compression test of containers (such as plastic drums for edible oil, mineral water), paper canisters, paper boxes, paper cans, container drums and etc.

JG-302B can operate in two ways:

1. Maximum load: test the maximum load of various corrugated cartons and beehive crates.
2. Stacking test: stack test of various corrugated cartons and beehive crates.

Design Standard

ISO 2872, ISO 2874, SO12048, ISTA (Vertical Compression), ASTM D642, ASTM D4169, TAPPI T804, JIS Z0212

General Specifications

Packaging Dimensions: (WxDxH) 2200*1600*2400mm
Power Supply Source: Single-phase, 220V±10%, 50/60Hz (can be appointed)
Gross Weight: 1500kg

Feature:

❖ Hardware Features

1. Touch screen control, easy operation and multi function.
2. Double-ball guide rob design, ultra-high transmission accuracy, smooth operation and high transmission power 3. The base, electric box and pressure plate are all made of A3 steel, which is formed by precision laser cutting and CNC bending machine bending and welding, and is painted with glossy white and metallic blue color matching baking paint.
3. The frequency conversion motor is matched with the frequency converter to provide power, the transmission is stable, the noise is low, and the speed accuracy can be controlled within ±0.5%.

❖ Software Features

1. Intelligent configuration such as travel limit protection, overload protection and fault prompt to ensure the user's operation safety;
2. English and Chinese system to meet more customer's needs;
3. The software interface and icons are clear. The real-time display of each test value can monitor the test at any time;
4. It can perform Compression Test and Stacking Test, and can instantly judge the collapse and automatically stop;
5. With a variety of measurement units, both metric and inch systems can be switched;
6. With automatic return function, self-defined test method function and test data operation analysis function;
7. Equipped with Micro-Printer to print the test result.



Technical Parameters

Item	Description
Max. Force (Choose 1)	2000kg (20KN) or 5000 kg (50KN)
Load cell	1 load cell
Control system	Microcomputer control, touch screen type
Motor	AC motor, guild rod
Force reading	kgf, Ibf, N etc
Load cell Resolution	1/250,000
Load Precision	within $\pm 0.5\%$
Effective test area (H*L*W) (Choose 1)	1300*1000*1000mm 1300*1200*1200mm 1300*1500*1500mm
Test speed	10 \pm 3mm/min
Lift speed	120mm/min
Report output	Mini-printer, thermal printing
Data display	Peak value, average value, set holding pressure value, holding time
Safety features	E-Stop Over-load protection Upper and lower limit switches
Dimensions	2180 x 1500 x 2240mm (L*W*H)

