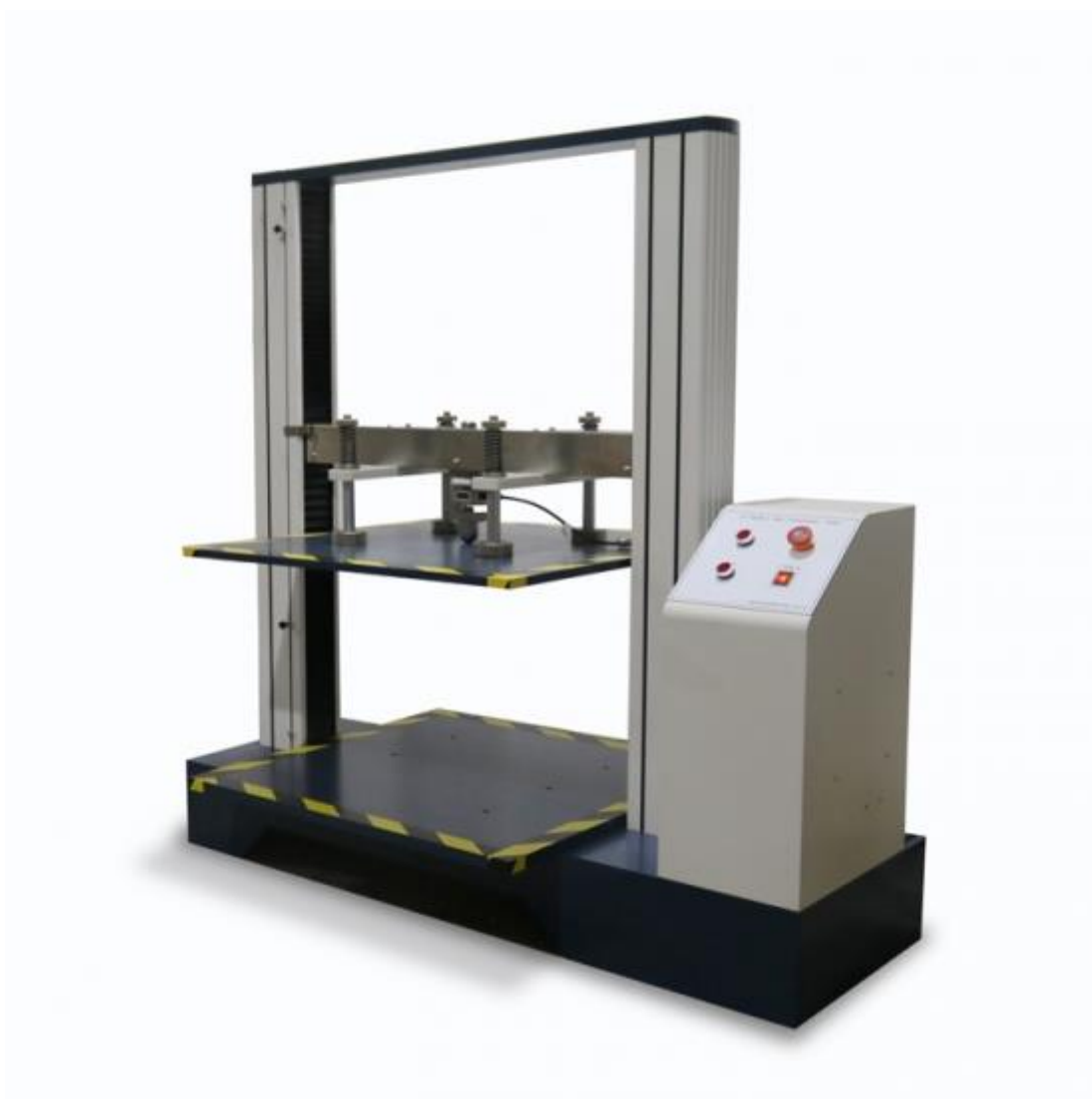




LCD Model Box Compression Strength Tester

GT-N02A



Application:

GT-N02A Type box compression tester with multi-function and high precision is designed to test the compressive strength of standard size corrugated box, or packages and containers made of other material with a compressive strength smaller than 30kN. With advanced mechanical structure of a pair of threaded shafts & guide pillars and imported motor for control, the carton box compression tester has the following salient features: good parallelism, reliable measure precision and high return speed (250mm/min.)

Box compression tester is capable of various functions for all parameters in standards, Such as parametric test, display, memory, statistics and print function; data processing function to gain the statistical result of all parameters directly; and automatic reset and fault diagnosis function and easy operation.

Carton Compression Test Standards:

ISO2872, ISO2874, ASTM D642

Corrugated Box Testing Equipment Feature

Strength test

- Strength test which belongs to a destructive test is mainly used to measure the deformation when the sample is loaded with maximum pressure or crushing strength.

Constant Value Test

- There are two parameters which are to be set in the constant value test: load force value and deformation value. The user can set one or both of them according to the practical requirement. the measure is complete when any parameter reaches the set value.

Stacking Test

- Stacking Test is used to check up that whether the sample can endure a constant pressure in a given time period. Set up two parameters: compressive strength and testing time (hour).
- when the test starts, the system will check the current pressure at any moment to ensure the set value; the measure is complete when the test time is expired or the deformation value exceeds the set one within testing time.

The overall system is in good parallelism, stationarity and high return speed.

Key Specifications

Model	GT-N02A
Plate Size	500 mm x 500 mm or 600 mm x 600 mm 800 mm x 800 mm or 1000 mm x 1000 mm

MAX stroke	500mm or 600 mm 800mm or 1000 mm
Measuring range	0-10KN, 20KN, 30KN
Indication error	+/-1%
Pressing Speed	10 mm/min
Return velocity	150 mm/min(maximum)
Display	LCD
Printer	Direct thermal printer, high speed while noiseless.
Power	220V, 50HZ, 60HZ 110V, 50HZ,60HZ (Option)
Standards	ISO2872, ISO2874, ASTM D642