

Carton compression testing machine



Controller:

1. Can display the test value, the maximum value, with print function;
- 3 can be fixed force, timing test, after the test is completed, automatic reset;
4. Overload shutdown, emergency stop key, automatic shutdown of specimen damage, upper and lower limit setting automatic shutdown; overload protection, limit protection device.
5. Control mode: Double-bit type (computer host and microcomputer LCD display can be individually tested).
6. Display mode: electronic LCD display and computer display.

Product introduction:

The basic equipment (packaging test equipment) for the testing of the compression strength of corrugated boxes is applicable to the compression strength test, compliance test and stacking strength test of various types of corrugated boxes.

Features:

1. After the test is completed, there is an automatic return function that automatically determines the crushing force and automatically saves the test data.
- 2, three kinds of speed can be set, all Chinese LCD display interface, a variety of units to choose from.
- 3, can enter the relevant data and automatically convert the compression strength, comes with a package stacking test function; can directly set the power, time, automatic shutdown after the test is completed.

4, three modes of work:

Strength test: Measure the maximum pressure resistance of the box;

Fixed value test: The overall performance of the box can be detected according to the set pressure;

Stacking test: According to the requirements of national standards, it can carry out stacking tests under different conditions such as 12 hours and 24 hours.

Standards compliant:

GB/T 4857.4-92 Packaging, Transport Packages, Pressure Test Methods

GB/T 4857.3-92 Packaging, Transport Packages, Static Load Stacking Test Methods

Hardware performance characteristics:

1. 32-bit embedded processing chip, fast instruction cycle;
2. Strain measurement accuracy > 4 files, resolution > 20000 yards;
3. The use of software coefficients document calibration (correction). Effective correction of sensor linearity;
- 4.4 frequency doubled counter for photoelectric encoder, high resolution;
5. Display large-screen monochrome LCD with 192 × 64 dot matrix, which can display more information;
- 6.1 RS232 serial port can be connected to other devices;
- 7.1 Road print parallel port, can be connected to a micro printer or a pin printer;
- 8.8 control buttons (5 function keys, 3 multiplex keys), simple operation;
9. Display function: the end of the test can automatically display and remember the maximum force during the test;
10. Save output: Up to 20 test results can be recorded.

Random standard attachments:

1. One-year warranty and one Chinese operation manual;
2. Random gift paper 2 volumes;
3. A high-precision load sensor;
4. Micro-printer (printable test report).

5 power line 1;

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Technical Parameters:

Capacity selection	0~2T (Can be customized)
Accuracy level	Level 1
control method	Microcomputer control (optional computer operating system)
Display method	LCD display (or computer display)
Force unit switching	Kgf, gf, N, kN, lbf
Stress unit switching	MPa, kPa, kgf/cm ² , lbf/in ²
Displacement unit	Mm, cm, in
Power resolution	1/100000
display resolution	0.001N
Machine travel	600, 800, 1000, 1200, 1500mm (choose one)
Press plate size	1000*1000 mm
Test speed	5mm~100mm/min can input speed arbitrarily
Software features	English language
Stop mode	Overload shutdown, emergency stop button, automatic stoppage of specimen damage, automatic shutdown of upper and lower limit setting
safety devices	Overload protection, limiter protection device
Machine power	AC inverter motor drive controller
computer system	High precision ball screw
power supply	AC220V/50HZ~60HZ 4A
Machine weight	About 350KG
Performance characteristics	Percentage break value can be set, automatic shutdown, can enter the menu to select 4 different speeds, 20 results, you can see the average of all test results and a single result

Work requirements:

1. Room temperature: 25° C;
2. Supply voltage: 220V, the power supply should be reliably grounded;
3. The working environment is clean, there is no strong vibration source, and the host support is stable.

Note: The above parameters are standard models. If there are special requirements, our company can design the most suitable solution according to your requirements!

Safety devices:

1. Stroke protection: set the protection of the upper and lower limits to prevent over-preset travel;
2. Power protection: The system can set the maximum force to prevent exceeding the sensor calibration value;
3. Emergency stop device: There is an emergency stop at the right side of the base to handle unexpected situations.