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Paper tube compression testing machine L-ZG002

Release date : 2020-11-23

Carton compressive testing machineL-ZG0021. Use of servo computer carton compressive testing machineXm-ky002 computer servo compressive testing machine/carton compressive testing machine is suitable f

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Carton compressive testing machine

L-ZG002



1. Use of servo computer carton compressive testing machine

Xm-ky002 computer servo compressive testing machine/carton compressive testing machine is suitable for compressive and holding tests of all kinds of packages and cartons. The results of the tests can be used as an important reference for the height of finished product packing boxes in factories or an important basis for the design of packing boxes. It can execute GB, ISO, ASTM, BS, DIN, JIS and other national or international standards for testing, and it is the ideal testing

and research equipment for various factories, enterprises, technical supervision departments, commodity inspection institutions, scientific research institutes, universities and other departments.

2. Servo computer carton compressive testing machine standard

[Test standard] : GB/T4857.4 GB/T4857.16 ISO2872, ASTM D642

Specification: GB/T16491, TAPPI-T804, JIS-Z0212

3. Function and characteristics of servo computer carton compressive testing machine

Xm-ky002 computer servo compression testing machine/carton compression testing machine is a fully computerized packaging container compression testing machine designed and developed by our company:

01. The main structure of the machine is made of 45# steel, cold-bound steel plate, surface advanced paint treatment, built-in high steel bearing steel guide column, with Japanese precision ball screw without clearance, so that the whole machine can reduce industrial driness and improve load efficiency and structural rigidity;
2. The transmission system adopts imported servo motor, Mitsubishi 8M synchronous belt and Wanxin 8M synchronous wheel to ensure high transmission efficiency, stable transmission, low noise and speed accuracy within $\pm 0.1\%$;
03. The microcomputer system adopts the commercial computer as the main controller, and can complete all test parameter setting, working condition control, data collection and analysis processing, result display and printout in conjunction with the special test software of the carton of the company.
04. Stable and reliable performance, high measurement accuracy, powerful testing software, easy to understand operation.
5. Windows platform is adopted, and all parameter Settings are processed in the form of dialog box, which is easy to operate;
06. Single screen operation is adopted without screen switching;

- 07. The software interface has simplified Chinese, traditional Chinese and English languages, easy to switch between;
- 08. Self-planning test report mode;
- 09. The test data can be directly called from the main screen;
- 10. The data of multiple curves can be compared simultaneously by means of translation, comparison, etc.; With a variety of measuring units, the metric system can be switched;
- 11. Automatic return function;
- 12. Automatic correction function;
- 13. Graphics with automatic magnification to achieve the most appropriate size;
- 14. With the function of custom test method;
- 15. With the function of operation and analysis of test data;
- 16. Can do carton compressive and holding tests, etc.

4.Parameters

- 01. Specification model: XM-KY002
- 02. Maximum test load: 5KN /10KN/20kN/50kN Optional;
- 03. Size of outer case: 600x600; 800 x800; 1000 x1000; 1200 x; 1500x1500mm
- 04. Accuracy level: 0.5
- 05. Effective force measurement range: according to sensor specifications (plus or minus 10%)
- 6. Test force accuracy: $\pm 0.5\%$ of the indicated value;
- 07. Range of readings: keep three digits after the decimal point;
- The euro. Test speed adjustment range: 0.001-500mm/min (stepless speed regulation);
- 09. Speed accuracy: $\pm 0.5\%$;
- 10. Parallelism of upper and lower pressing plate: $< 0.5\text{mm}$;
- 11. Displacement measurement accuracy: $\pm 0.5\%$ of the indicated value;

12. Deformation measurement accuracy: $\pm 0.5\%$ of the indicated value;
13. Deformation measurement range: 0.2-100FS;
14. Deformation resolution: 1/500000 of the maximum deformation (full resolution unchanged);
15. Safety device: electronic limit protection;
16. Overload protection: automatic protection over 10% of the maximum load;
17. Data acquisition frequency: 120time/ SEC;
18. Servo motor: Selection according to the maximum load (400-2000W)
19. Power supply: AC 220V/5A;
20. Main engine weight: about 350kg.

Recommended

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Automatic tool metallographic measuring instrument V400

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Automatic tool metallographic measuring instrument V800

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Automatic tool metallographic measuring instrument V1800

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Automatic tool metallographic measuring instrument V2000

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