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Microcomputer tensile testing machine L-DZ05

Release date : 2020-11-23

Microcomputer tensile testing machineL-DZ051. Product useElectronic tensile testing machine is suitable for a variety of textile, rubber, plastic, synthetic leather, tape, adhesive products, plastic f

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Microcomputer tensile testing machine

L-DZ05



1. Product use

Electronic tensile testing machine is suitable for a variety of textile, rubber, plastic, synthetic leather, tape, adhesive products, plastic film, composite materials, electronics, metal and other

industries of materials and products to do tensile, compression, bending, shear, peel (90 degrees and 180 degrees), tear and other tests, in order to determine the quality of products.

2. Functional characteristics

The electronic tensile testing machine is simple in structure and easy to operate. It can be placed on the work table for testing. The electronic control system is adopted, which is controlled by the speed regulator and then decelerated by the variable speed mechanical mechanism to drive the T-type screw to drive the load sensor to rise and fall, so as to complete the tensile or compression test of the sample. The force value is output by the sensor, feedback display, and the test displacement is displayed in real time. It can store the results of 10 test reference points, automatically calculate the average value, automatically grab the maximum value and the strength value at the time of fracture. The machine contains a thermal printer, which can automatically output the test results. (optional)

3. Product parameters

1. Capacity selection: 5,10,20,50,100,200,500 kg
2. Force measurement accuracy: within $\pm 1\%$ of the indicated value
3. Display mode: LCD Chinese display, film touch key
4. Unit switch: Kg, lb, N
5. Data sampling frequency: 200times/ SEC
6. Resolution of the testing machine: the maximum load is $1/\pm 25,000$ yards, the inside and outside are not classified, and the whole resolution is unchanged
7. Load sensors: Basic configuration: pull and pressure sensors (maximum load)
8. Effective test width: 150mm
9. Effective stretch space: 1200mm

10. Test speed range: 50-300mm/min stepless speed regulation and 5-gear constant speed (special test speed can be customized according to customer requirements)
11. Displacement measurement accuracy: within $\pm 1\%$ of the indicated value
12. Breakpoint ratio setting: 0 ~ 99%, users can set the appropriate break down time according to different materials
13. Test bench safety device: up and down travel limit device
14. Overload protection: when the maximum load exceeds 10%, the machine will be automatically protected
15. Fixture configuration: One set of stretching fixtures
16. Host size: 550×400×1820mm
17. Main engine weight: about 100kg
18. Power supply: 220V/50Hz

4. Basic configuration

1. One host for each host
2. One set of standard fixtures

Recommended



Automatic tool metallographic measuring instrument V400



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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