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## Computer Servo Double Column Tensile Testing Machine L-DZSC010

Release date : 2020-11-23

Computer servo double - column tension testerL-DZSC0101. Product useElectronic tensile testing machine is suitable for a variety of textile, rubber, plastic, synthetic leather, tape, adhesive products

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## Computer servo double - column tension tester

### L-DZSC010



### 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 tons /10 tons
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: 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: 400mm
9. Motor: Imported servo motor
10. Effective stretch space: 800mm

11. Test speed range: 50-300mm/min stepless speed regulation and 5-gear constant speed (special test speed can be customized according to customer requirements)
12. Displacement measurement accuracy: within  $\pm 0.5\%$  of the indicated value:
13. Breakpoint ratio setting: 0 ~ 99%, users can set the appropriate break down time according to different materials
14. Test bench safety device: up and down travel limit device
15. Overload protection: when the maximum load exceeds 10%, the machine will be automatically protected
16. Fixture configuration: One set of stretching fixtures
17. Host size: 1100×700×2000mm
18. Main engine weight: about 200 Kg
19. Power supply: 220V/380V 50Hz

#### 4. Basic configuration

1. One host machine
2. One set of computers
3. Standard wedge-shaped jig with one set of upper and lower
4. Optional configuration: 1. Double sensor configuration 2. Large deformation configuration 3

### **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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