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Computer Tension Machine L-SFC001

Release date : 2020-11-23

Computer tension machine L-SFC0011. Product use Servo control computer system tensile testing machine is widely used in rubber, plastics, wire and cable, textiles, waterproof material, non-woven fabrics

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Computer tension machine

L-SFC001



1. Product use

Servo control computer system tensile testing machine is widely used in rubber, plastics, wire and cable, textiles, waterproof material, non-woven fabrics and other non-metallic materials and metal wire, metal foil, sheet metal and metal mechanical properties test, with special fixture is also suitable for all kinds of finished products tensile, compression, peel, cut, tear, bend test (passbook). It can also carry out a variety of cyclic tests, such as constant stress, constant strain, creep, relaxation, axial and radial. According to GB, JIS, ASTM, DIN and other standards can automatically calculate the tensile strength, yield strength, elongation, constant elongation stress, constant stress elongation, elastic modulus and other parameters.

Comply with: GB, ISO7500/1, JG475-88, ASTM E4, DIN5122, JIS B7721/B7733, EN1002-2, BS1610, CNS9471/9470 and other standards

2. Functional characteristics

Servo control computer system tension testing machine using computer control, can print a number of data, according to different data to make graphic output comparison, high control precision, easy to operate; Modular design, a variety of accessories complete, flexible collocation.

3. Product parameters

1. Capacity specification: 2000kg
2. Unit of force value: N, KN, Kgf, Lbf,
3. Length unit: mm, cm, in can be converted freely
4. Speed accuracy: $\pm 0.5\%$,
5. Load precision: $\pm 0.25\%$,
6. Load induction: high precision tension and pressure transmitter
7. Transmission rod: high precision ball screw
8. Motor: Servo motor
9. High resolution: 1/200,000
10. Test speed: 1-500mm/min stepless speed regulation
11. Standard type of effective width :400mm(customizable)
12. Standard distance between beam and workbench :1100mm (can be customized)
13. Test stroke (including fixture) Standard type :800mm (specific related to fixture requirements)
14. Effective stretch space: 950mm
15. Effective compression space: 700mm
16. Overload protection function: the system will be automatically shut down for protection when the set test force exceeds 10%
17. Stroke protection: Upper and lower limit position setting protection of stroke

18. Power: 1.10 kW

19. Power supply :220 VAC,50/60Hz

20. Weight: 200kg for the main engine

4. Basic configuration

1. Host machine: one

2. Panasonic servo motor: one set

3. Panasonic servo Drive: one set

4. Us import sensor: one

5. Precision screw: one set

6. Photoelectric encoder: one

Lenovo computers: one set

HP color inkjet printer: one

9. Fixtures: a set of two wedge-shaped fixtures, and a set of two winding fixtures

10. Computer operating system and computer system software: one set each

11. Auxiliary tools: a set of hexagon wrench

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

GUANGDONG JINUOSH TECHNOLOGY CO., LTD

Building 28, Guanghui Industrial Zone, Dongke Road, Dongcheng District, Dongguan City, Guangdong Province 0769-2282-0867

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- Links :

GUANGDONG JINUOSH TECHNOLOGY CO., LTD All rights reserved Company address: Building 28, Guanghui Industrial Zone, Dongke Road, Dongcheng District, Dongguan City, Guangdong Province Service Hotline: 188-9871-9887 0769-22820867

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