



Dongguan Hust Tony Instruments Co.,Ltd

东莞华科东尼仪器有限公司

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Dual Arm Computer Servo Tensile Strength Test Equipment



Model number: HTP-003-200

This testing machine is suitable for rubber, plastic, plastic film, and other flexible materials with large deformation. Tensile, tear, adhesive strength, peel (90 degrees and 180 degrees) tests can be completed

Features

- 1.AC frequency conversion motor is used to drive precision ball screw transmission, which runs smoothly and has low noise
- 2.Digital display of force value, maximum force value, displacement, test speed infinitely adjustable
- 3.The use of high-precision encoder to measure displacement, force resolution up to 1/25000, high test accuracy, wide measurement range, easy operation
- 4.It has the functions of automatic shutdown, overcurrent, overvoltage and overload protection of test pull-off



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5. Equipped with a micro printer to print test data in real time

technical parameter:

1. Capacity selection: 200kg 500kg 1000kg 2000kg(choose)
2. Force measurement accuracy: within $\pm 0.5\%$ of the indicated value
3. Display mode: LCD screen Chinese display, film button
4. Unit switching: kg, lb, N
5. Data sampling frequency: 200times/sec
6. The resolution of the testing machine is $1/\pm 25000$ yards of the maximum load, and the inside and outside are not divided into gears, and the resolution of the whole process remains unchanged
7. Load Sensor Basic configuration: Pull and pressure sensor (maximum load)
8. Effective test width 380mm
9. Effective stretch space 800mm
10. Test speed range: 50-300mm/min stepless speed regulation and 5 fixed speed (special test speed can also be customized according to customer needs)
- Displacement measurement accuracy : \pm within 0.5% of the indicated value
11. Breakpoint ratio settings : 0~99%, users can set the appropriate breaking downtime according to different materials
12. Test bench safety device Upper and lower stroke limiting device
13. Overload protection: exceeds the maximum load by 10%, the machine is automatically protected
14. Fixture configuration : A set of tensile fixtures
15. Main machine size 800×550×1800mm
16. Main machine weight approx. 180 kg
17. Power supply is 220V / 50Hz