

Servo Horizontal Tensile Test Machine

Model: DZ-109

Summary:

This machine is a newly designed and developed microcomputer tensile (compressive) force testing machine. The company completely changes the shortcomings of the traditional material testing machine, such as heavy machine, complex operation and single performance. The structure adopts the aluminum extrusion sealing plate treated by high-grade baking paint, with built-in high-precision, low resistance, no gap screw and guide column; The measurement and control system has high speed of data acquisition and calculation, and the test results can be displayed by LCD or printed by printer. The performance of the product is stable and reliable, the measurement accuracy is high, and the operation is simple and easy to understand.



Application:

This machine is suitable for rubber and plastic, paper products, color printing packaging, adhesive tape, bags and handbags, textile, pharmaceutical, daily chemical, food, wire and electronic industries. It can test the physical properties of all kinds of materials, finished products and semi-finished products, and choose different fixtures for tensile, compressive, tensile, compressive, bending, tearing, peeling, adhesion, shear and other tests.

Test standards

**ASTMD903,GB/T16491,GB/T1040,GB/T8808,GB13022,GB/T 2790/2791/2792, GB/T 16491-2008,
GB/T 12160-2002, GB/T 16825-2008, CNS- 11888,JIS K6854, PSTC-7, ISO 3377-1, ISO 3377-2**

Technical parameters:

Capacity	5,10,20,50,100,200KG
monitor	Touch screen display, and connect the computer
Accuracy	Within±1%
Force resolution	1/300000
Effective force measuring range	1~100%F.S
Deformation indication accuracy	Within±1%
Test speed	50~500mm/min
Max stroke	500mm
Test width	φ120mm
Power unit switch	kgf,gf ,N,kN,lbf
Stress unit switching	MPa,kPa,kgf/cm ² ,lbf/in ²
Deformation unit switching	mm,cm,in
Power Supply	AC220V, 50 / 60Hz, 10a or specified

Electrical measurement and control system:

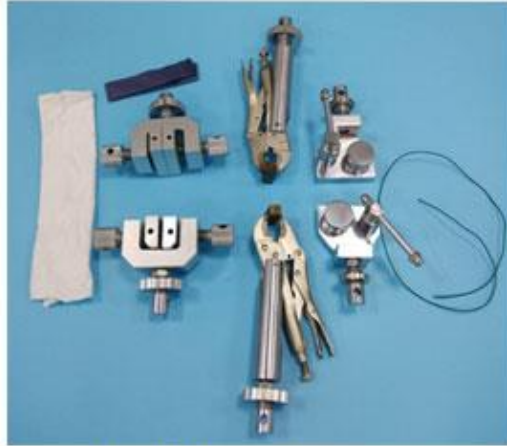
- 1) With protect function of overload, over current, over voltage, displacement limit, emergency stop, etc
- 2) The controller can control more load sensor, high integration, stable and reliable, easy to adjust.
- 3) When finished testing, automatic stop.
- 4) Control system with programmable amplifier A/D conversion, digital I/O, counting and pulse happen (PWM), and other functions in one.
- 5) Mechanical zero setting, automatic force measurement, zero setting, calibration and save, highly integrated control circuit







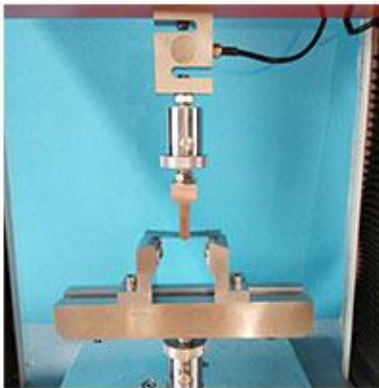
compress clamps



textile clamps



adhesive clamps



3PB test



plastic clamps



wire clamps



Maily used in mobile glass
or other glass products: 3 or
4 point bend test.

These clamps are just for your reference, they are our normally clamps, but we will equip or customized suitable clamp according to your actual application.



SUNRISE FACTORY

SUNRISE has been providing companies with materials testing equipment for over 12 years, addressing the many quality analysis needs of products. It will perform tests in conduct tensile, compression, bending, shearing, bonding strength, peeling, tearing and other tests. It is suitable for rubber, plastic, leather, metal, nylon line, fabric, paper, aviation, packaging, construction, petrification, electrician, vehicle and other materials.



PRODUCTION LOGISTICS



1.Design



2.Production Material



3.Accessories Processing



4.Product Assembly



5.Product Debugging



6.Packaging & Shipping

OUR CUSTOMERS

