

# Micro-Computer Universal Tensile Test Machine

*Model: SR-102*

## Summary:

The machine is applicable for testing the tensile strength, elongation rate, laceration, adhesion force, tensile strength, stripping force, shearing force as well as adhesion force between plastics and metal of various materials, finished products such as soles, tires, rubber hoses, triangle hoses, plastic cloth, plastic plate, film for packaging, acrylic, FRP, ABS, EVA, PU, etc, semi-finished products or dumbbell-type test specimen.



## Theory:

Mainly Clamping the specimen. control load and speed by Electronic Control System. Inductive power through force sensor and transmitted to signal to the microcomputer systems to determine various properties of the specimen.

## 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

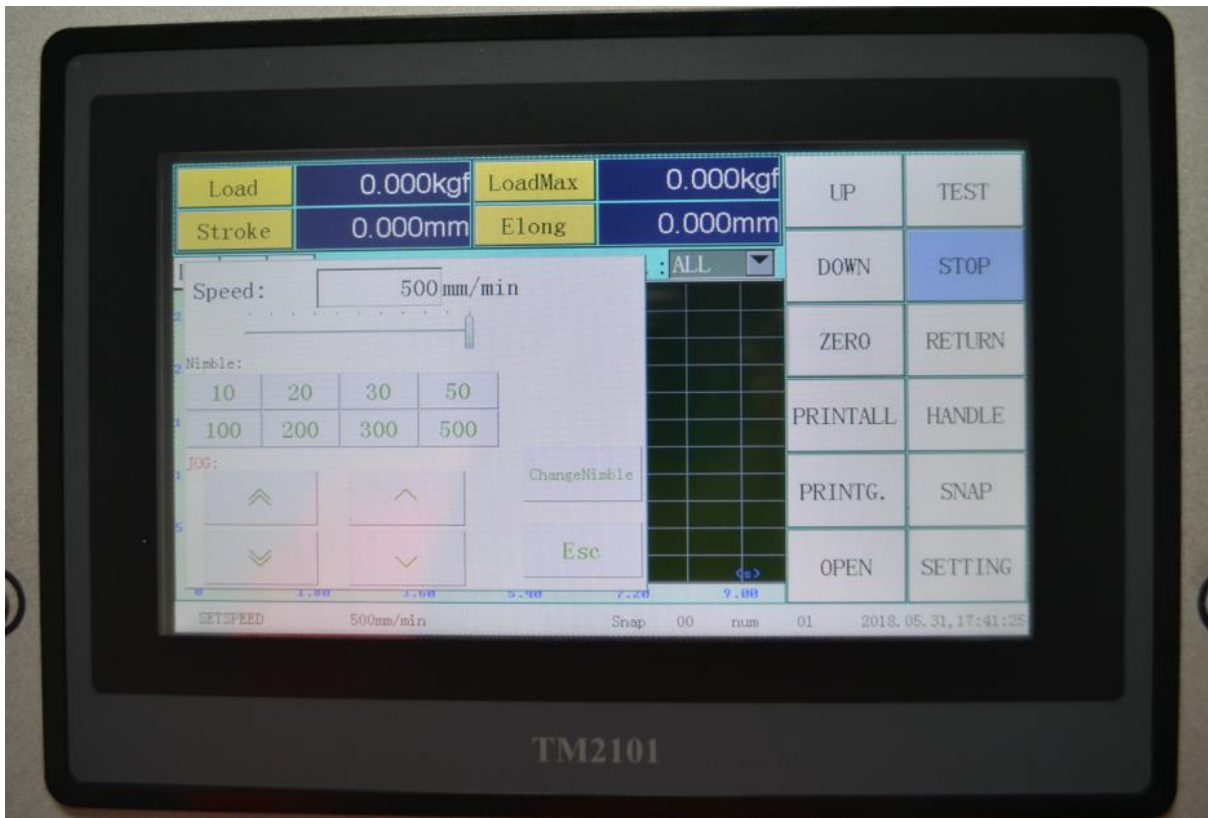
## Technical parameters:

Model	DZ-102
Capacity	10,20,50,100,200kg (optional)
Display mode	Touch Screen
Test speed:	stepless speed changing
Switching unit	Kg, lb , N
Degree of disintegration	1/25,000
Precision	Within±1%
Max stroke	600mm or designed
Speed input	Knobs
Test speed	50~480mm/min
Data sampling frequency	10HZ
Display	can display the test value, the maximum value
Motor	AC motor
Volume	450×500×1350mm
Power supply	1φ ,220V ,50Hz (110V is available)
weight	About 90kg

## Electrical measurement and control system:

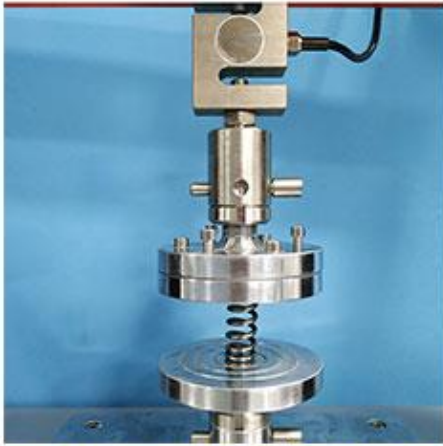
- 1) With protect function of overload, over current, over voltage, displacement limit, emergency stop, etc
- 2) The controller can control more load sensor, high integration, stable and reliable, easy to adjust.
- 3) When finished testing, automatic stop.
- 4) Control system with programmable amplifier 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

Real imagines for your better references.

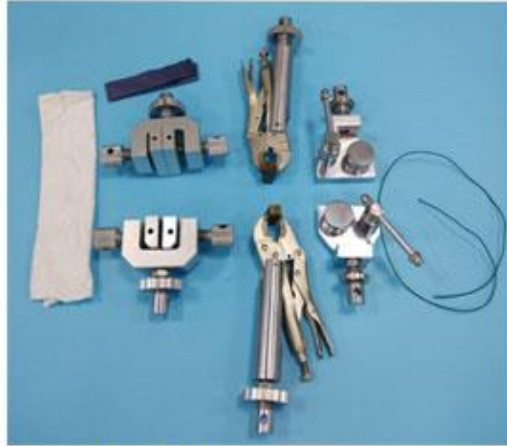








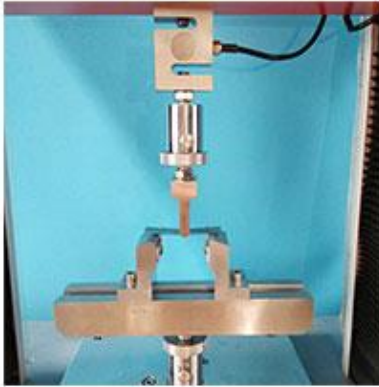
compress clamps



textile clamps



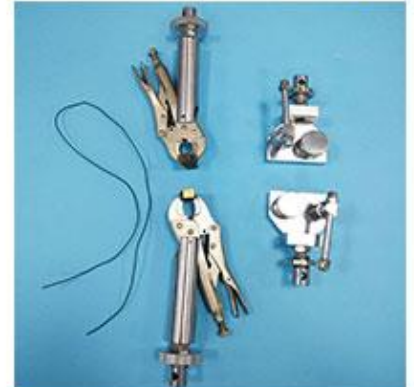
adhesive clamps



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.

According different test request, we design some different models in order to provide best suitable one for you.



## 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

