

YL-S70 Computer-control material testing machine

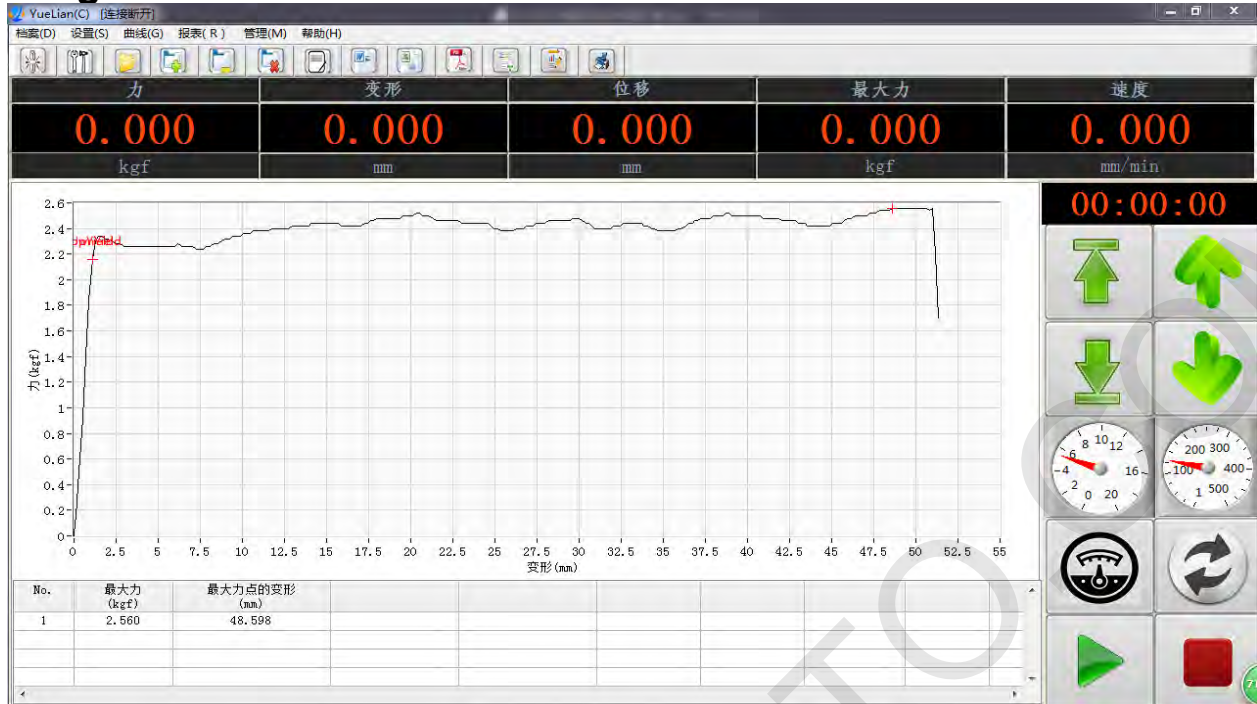
Introduction

This tester is designed for conduct tensile, compression, bending, shearing, bonding strength, peeling, tearing and other tests for rubber, plastic, leather, metal, nylon line, fabric, paper, aviation, packaging, construction, petrification, electrician, vehicle and other materials. It is a basic equipment of quality control, receiving inspection, physical test, mechanics research, material development.

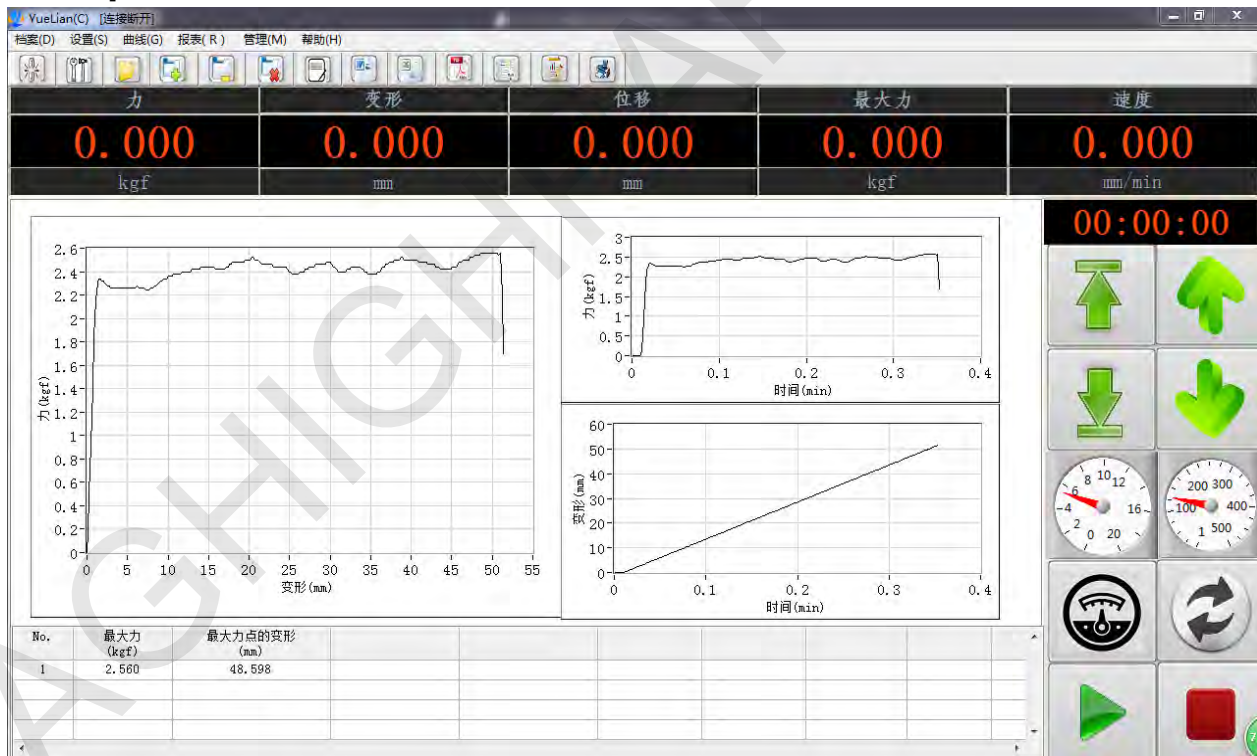


Software display

Single test curve



Multiple test curve



Specification

Capacity	10N, 20N, 50N, 100N, 200N, 500N, 1KN, 2KN, 5KN (can select double capacities preparation)
Display	Computer display mode
Force Resolution	1/500,000
Force Accuracy	$\leq \pm 0.1\%$
Stroke Resolution	1/500,000
Stroke Accuracy	$\leq \pm 0.1\%$
Test Stroke	450 mm (Customizable)
Test Width	$\varnothing 140$ mm
Test Speed	0.01~500 mm/min (Customizable)
Acquisition Rate	2000 times / S
Force Switch	N、kN、gf、kgf、lbf、kP、tf(SI)、tf(long)
length Unit	mm、cm、Inch、m、km、um
Stress Unit	Pa、Kpa、Mpa、Gpa、KN/m ² 、N/m ²
Stop Mode	Overload stop, emergency stop button, specimen damage automatic stop, upper & lower limit set automatic stop, automatic reset function
Machine Dimension	62*26*105cm (W×D×H)
Machine Drive	Servo motor drive
Power	400W
Machine Weight	Approx 66kg
Power Supply	220V 50/60HZ 10A
Standard Device	1 set of grips, computer software, USB computer
Optional	Personal computer, grips

Machine structure

AC servo motor drive, precision ball screw drive;

Screw shield using aluminum extrusion, surface blasting, anode satin handle, exquisite;

Shell selection of advanced electrostatic spray treatment, durable;

Vertical stroke trim switch;

Quick release connectors, you can easily switch to a different function fixtures;

Machine protection: over-travel, over capacity protection, emergency brake switch;

Machine function

1. Powerful data analysis and statistical curves graphical analysis aids, with zoom, pan, crosshairs, and take other functions.
2. Several historical test data can be transferred to the graphics displayed simultaneously comparative analysis done.
3. Up to 7 interval setting, 40 manual taking points, 120 automatic pick point function. With the maximum, minimum, average, to the level of the average, median, standard deviation, population standard deviation, CPK values and other statistics.
4. Test curve shows: during the test in real time and can be a show of force at the same time - displacement, force - time, displacement - time, stress - strain curve, can easily switch to the screen to see the curve;
5. Custom test methods: with the speed, position shift, given the strength, will power rates, given stress, stress rate constant, constant strain, strain rate and other fixed control mode, enabling complex multi-step control can be nested loop. set automatic return, automatic judgment fracture, auto-zero function.
6. Positive and negative force sensor can be switched;



شرکت دقیق پرتو
تامین کننده تجهیزات آزمایشگاهی و کنترل کیفی

۰۲۱-۶۶۹۳۷۲۱۴

Packing

Packaged weight: 88KG;

Packaged dimensions: 55 × 53 × 123cm (W*D*H)

Packaged Volume: 0.358 m³;

Packing: protective film, plywood standard export wooden box
HS Code:

Optional clamps(for reference)



YG-T003A plane cloth clamp



YG-T003D plane clamp



YG-C003 film puncture



YG-C005
bottle compression fixture



YG-C003A puncture clamp



YG-T005 beak clip



YG-T007 eccentric clamp



YG-T006
webbing clamp



YG-T104 tack ring fixture



YG-T001 flat clip



YG-D007 line fixture



YG-C004C
compression plate

CE Certificate

sit

Certificate of Conformity

Certificate No. : SIT141212426L
Product : Testing Machine
Model : YL-S70, YH-A00(A=1~10), YL-SAB(A=0~9,B=0~9),
YL-DABC(A=0~9,B=0~9,C=0~9), YL-HAB(A=0~9,B=0~9),
YL-TD(D=1~1000), YTK-ABC-TD(K=1~2,A=0~9,B=0~9,C=0~9,D=0~9),
YTK-ABC-DFG(K=1~2,A=0~9,B=0~9,C=0~9,D=0~9, F=0~9,G=A~Z)
Trade Mark : Yuelian
Applicant : Guangdong Yuelian Instruments Co., Ltd.
Address : No.1115, No.A1 warehouse, The Tian'An Cyber Park, No.1 Huangjin
Road, NanCheng District, Dongguan City
Manufacturer : Guangdong Yuelian Instruments Co., Ltd.
Address : No.1115, No.A1 warehouse, The Tian'An Cyber Park, No.1 Huangjin
Road, NanCheng District, Dongguan City

The above products have been tested by us with listed standards and found in compliance with the council LVD 2006/95/EC. It is possible to use CE marking to demonstrate the compliance with this LVD.

Test standards:	Report(s) Number	Issued By	Issued Date
EN 61010-1:2010	SIT141212426LR	SIT	December 12, 2014

This certificate of conformity is not transferable and based on an evaluation of a sample of the above mentioned product.



Authorized Signer: 
Date: December 12, 2014

Shenzhen SIT Testing Technology Co., Ltd
Tel: (86)-0755-29173399 Fax: (86)-0755-29179933 Http://www.sit-cert.com