

Yuelian 越联 Yuelian Testing Machines Co., Ltd.

No. 43, Huangshahe Road, Xiabian Village, Liaobu Town, Dongguan, Guangdong, 523415 · China

Tel: 0086-769-85842789

Fax: 0086-769-82287448

Website: www.yuelian.com.tw

Email: sales@yuelian.com.tw

YL-1109 Tensile Testing Machine

Purpose:

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 Function:

Test & Control System is designed for PC Electronic Universal Testing Machines, PC Hydraulic Universal Testing Machines and PC Compression testers; can conduct tensile, compression, bending, shearing, tearing and peeling test; use PC and interface board for data collection, preservation, processing and printing test result; can calculate max force, yield strength, average peeling force, max deformation, yield point, elastic modulus and other parameters; can conduct curve graphics processing, multi-sensor support, video and image interface, flexible data processing, MS-ACCESS database support, making more powerful function of system.

Software Protection: over stroke, over capacity protection.

Function:

Can conduct tensile, compression, peeling, tearing, shearing, ring initial adhesion and other test

Can display force and displacement at the same time

Adopt stepper motor drive, precision ball screw drive, set test speed by computer directly.

Up & low fine-turning switch, automatic back after test finished

Quick-release connector, can use various grips

All computerized operation, USB interface, conduct data analysis



Specification:

Capacity	1, 2, 5, 10, 20, 50, 100kg (can select double capacities preparation)
Display	Computer display mode
Force Resolution	1/250,000
Force Accuracy	≤±0.5%
Stroke Resolution	0.005mm
Control Mode	All computerized operation mode.
Test Stroke	500mm
Test Width	Ø55mm
Test Speed	5~500mm/min, can set by computer, with up & down fast adjustment button of grips
Force Unit Switch	Kgf, N, lbf, g, ton, Mpa
Stop Mode	Overload stop, emergency stop button, specimen damage automatic stop, upper & lower limit set automatic stop, automatic reset function
Machine Dimension	40×30×70cm (W×D×H)
Machine Drive	Stepper motor drive, synchronous wheel and precision ball screw drive
Power	180W
Machine Weight	Approx 28kg
Power Supply	220V 50/60HZ 10A
Standard Device	1 set of grips, computer software, USB computer connection wire
Optional	Personal computer