

SJL-500V Universal Testing Machine

SJL is a Universal testing machine which adopts advanced electronic technique and accurate mechanical drive with high precision sensor. The tester could be used in spring/rubber/ compression and tension.

- 800×480 pixel TFT colorful screen with touch functions, peak/real-time value/force curve display at the same time.
- Different test mode for different test requirements: constant force mode, constant displacement mode, constant deformation mode, constant force fatigue test mode, constant displacement fatigue test mode, constantforce multipoint test mode, constant displacement multipoint test mode.
- Save 10 test value and 3 groups test curve, print test report through printer inside.
- Four units option: N/kgf/lbf/ozf, automatic exchange.
- Automatic zero calibration for displacement.
- Automatically back to starting location after finishing test.
- Two speed mode, high speed approach and low speed collect.
- Mechanical limit, auto-stop for overload, screaming function.
- High precision ball screw, better drive efficiency and high accurate displacement.
- Servo drive system, low noise and good stabilization.
- High accuracy sensor, promise test precision.
- Automatic shutdown mode without any operation, time is set freely.

Model	SJL-500V
Capacity	500N
Resolution	0.05N
Force Accuracy	1%~100%FS
Force test range	±1%（test range<10%FS）, ±0.5%（test range>10%FS）
Test Speed	0.5~500mm/min
Speed Accuracy	±2%（speed<10%FS）, ±1%（speed>10%FS）
Unit	N、kgf、lbf、ozf
Replacement Resolution	0.001mm
Stroke	300mm
Power	AC 220V±10% 50/60HZ

Note: the description and image of the product may be slightly different from the actual situation due to improved or other changes.