

## XLW Auto Tensile Tester

Tensile tester is designed and manufactured according to GB 17200, and its every capability conforms to relative test standards such as GB 13022, ZBY 28004, GB 8808, GB 1040, GB 6344, GB/T 16578, QB/T 1130, GB/T 7122, GB/T 2790, GB/T 2791, GB/T 2792, GB 4850, GB 7753, GB 7754, and GB 453. It is applicable in many properties test of plastic films, complex films, flexible packaging materials, adhesives, adhesive tapes, glue, rubber, paper, and plastic aluminum board. The test items include tensile, peel, ripping, hot-seal, shear, etc.

### 1. Characteristics

- .Micro-computer controls, LCD displays data, results and curves.
- .Professional software supports, each function worked independently, standard unit, free form manual intervention.
- .Multi-function of setting, printing, researching, clearing, plotting, serial port communication and so on.
- .7 test items of tensile, peel, ripping, shear, heat seal, and etc.
- .Analyzes group of specimens, shows the arithmetic average, maximum, minimum.
- .Menu interface, shortcut for selecting test, and easy to learn, master, and operate.
- .Parameters stored permanently while power down and protection for over-load.
- .Standard ink-jet printer prints out test reports.
- .Energy-saving, stillness running, high performance and low cost.

### 2. Structure principle

This machine employs mechanical-electricity integration, is mainly made up with load cell, transmitter, microprocessor, load driving mechanism and printer. There is LCD, PVC operating panel, and RS232 computer port. High accurate electronic actuator enable 8 gears test speed. Integrated components are interconnected by the jointbar. Worktable model.

### 3. Operation function

- Parameters setting: selectable parameters of length, width, thickness, test speed, time and so on.
- Printing: report of A4 paper.
- Searching: search the historical results.
- Clear: clear the test results.
- Calibrate: calibrate the force testing system.
- Communicate: test reports, store, searching, and data output.

### 4. Test function

Resistance of tensile strength and distortion, tensile failure force and distortion, hot-seal strength, tearing strength, 180 degrees peel (includes T style peel), 90 degrees peel

### 5. Basic operation process

Power on -- select test item -- parameters preset -- waiting test status -- clamp specimen -- test -- return automatically after test -- display the test results and curve -- output the test results and print curve

### 6. Main technical data

- Specification: 100N 200N 500N
- Accuracy: 1degree
- Test speed: 50 100 150 200 250 300 500mm/min
- Test width: 0-30-50mm
- Stroke: 600mm
- Dimension: 450(L) mm x 450(B) mm x 980(H) mm
- Ambient condition: temperature: 10°C~40 °C, humidity: 20%RH~70%RH
- Power: AC 220V 50Hz
- Net weight: 65kg

### 7. Configuration

- Standard configuration: mainframe, controller, plane clamp, ink-jet printer
- Optional configuration: standard roller, test panel, sampling cutter, floating roller, clamp of unwinding tapes, communication cable, communication software.

### 8. Standard

ASTM E4、ASTM D828、ASTM D882、ASTM D1938、ASTM D3330、ASTM F88、ASTM F904、ISO 37、JIS P8113、QB/T 2358、QB/T 1130

