

PARAM® XLW (EC) Auto Tensile Tester

XLW (EC) Auto Tensile Tester can be used to measure tensile, peeling, deformation, tearing, heat sealing, adhesive, puncture force, opening force and low speed unwrapping force as well as other performance of plastic films, composite materials, soft package materials, plastic flexible tube, adhesives, adhesive tape, label stickers, medical plasters, release paper, protection films, combined caps, aluminum foils, diaphragms, back sheets, non-woven fabrics, rubber and paper.



Professional Technology

- Better than 0.5% of full scale effectively ensures accurate test results
- Supports bidirectional testing modes including stretching and compression and test speed could be adjusted freely
- 8 independent test modes are available, including tensile strength, peeling force, tearing force, heat sealing and other performance test
- Different test range of load cells and 7 distinct test speeds to meet different test requirements
- Pneumatic clamping system provides the even clamping force for specimen to ensure the accuracy of test results
- Intelligent designs of over-travel protection, overload protect and automatic position reset for safe test operation
- Professional operating software supports statistical analysis of group specimens, and export test results in different units
- Supports Lystem™ Lab Data Sharing System for uniform and systematic management of test results and test reports

High-end

XLW (EC) utilizes Labthink's latest embedded computer system, with better performance than traditional single chip one.

- Embedded computer control system integrates control software with the instruments together
- Professional control system provides safer and more reliable data management as well as test operation
- The instrument can be easily operated by a mouse, a keyboard, and a monitor; without requiring a PC.
- The instrument is equipped with four USB ports and dual Internet ports for convenient data transmission.

Applications

This instrument is equipped with more than 100 grips for tests of more than 1000 materials. And customization is also available for special material tests. Examples of instrument applications: