

PARAM™ XLW (G6) Multi-station Tensile Tester

This tester is applicable in tensile, peel, tearing, heat seal and adhesive test of plastic film, complex film, flexible packaging materials, adhesives, adhesive tapes, glue, rubber, paper, etc.

Characteristics

Compatible with many standards of GB, ISO, ASTM, JIS, etc.

High accuracy 0.5%, flexible range, easy to exchange

6 stations design, capable to process six tests at one time, new world-class efficiency.

New design, long stroke, conform to the request of testing flexible materials

Micro-computer controls, clamp specimen pneumatically, easy to operate, reliably clamped, stable performance

Optional test speed controlled by software, return fast and automatically when finished

Multiple test items including tensile, distortion, heat seal, tearing, peel. Provide the data analysis of rated force, modulus of elasticity, and stress, etc.

Process controlled by computer, friendly human-equipment interaction, operation easy to learn

Powerful software, multiply curve display methods. Group of test curve analysis, Statistics and analysis of maximum, minimum, arithmetic average and standard deviation.

Test results displayed by international unit, metric unit, British unit, no need for manual conversion

Test report curve can be zoomed in and out, cursor display, easy for data analysis

Auto zero, intelligent fault alarm, overloading protection, multilevel go-switch protection, safe and reliable

Principle

Clamp the two ends of the specimen by lower jaw and upper jaw, driver moving the dynamic jaw produces relative movement. Tester gets electronic signal from the sensor. After analysis, get the multifold parameters of the specimen.

Test items

Tensile test, resistance of tensile strength and elongation, tensile failure force and elongation, hot-seal strength, tearing strength, 180°peel and 90°peel

Basic operation process

Connect compressed air → Power on → select test item → parameters preset → clamp specimen → test → single test finished → return automatically → display the test results → statistics and analysis of data → output the test reports

Technical Data

Specification: 500N 50N

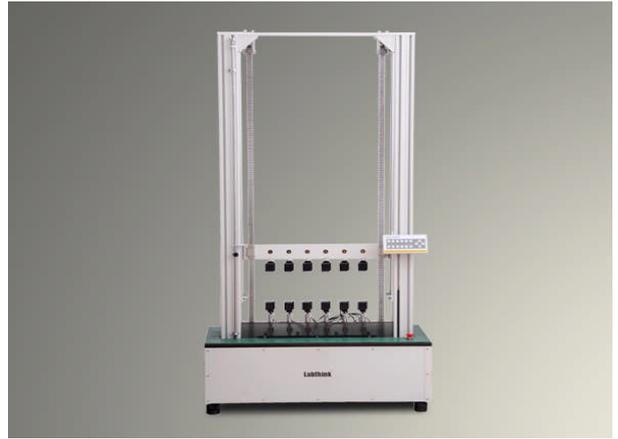
Accuracy: ±0.5% of reading force

Test speed: 100 150 200 250 300 and 500 (mm/min)

No. of specimens: 1 ~ 6 pieces

Width of specimen: 0 ~ 30 mm

Stroke: 1200mm



Gas supply pressure:0.5 MPa ~ 0.7 MPa

Dimension:1020mm (L)×510mm(B)×2100mm(H)

Power:AC 220V 50Hz/60Hz

Net weight:210 kg

Standards

ISO 37, ASTM E4, ASTM D828, ASTM D882, ASTM D1938, ASTM D3330, ASTM F88, ASTM F904, JIS P8113

configuration

Standard:Mainframe, universal clamp, software, communication cable, calibration cable.

Optional: Standard roller, test panel, floating roller jaw, sample cutter, non-standard clamps.

Note.: Users provide compressed air themselves.