

MTT-1601

Medical Packaging

Tensile Tester



Application

Applies to the test of all kinds of rubber plugs, rubber gaskets, Al-plastic combined covers, hypodermic needles, hypodermic caps, ampoule bottles, hypodermic syringes, syringe pistons and so on, as well as plastic films, sheets, rubber, laminated films, extrusion films, foils, paper, release paper, non-woven fabrics etc testing of various items, such as tensile, break force, elastic modulus, elongation, seal strength, T-style peeling strength, 90 peeling strength, 180 peeling strength, widely used in food & pharmaceutical industries, quality inspection departments as well as research and development institutions.

Features

- 1: Professionally design, multiple medical test fixture optional
- 2: Bilingually controlled by computer and embedded system
- 3: Highly accurate load cell, Bi-direction test.
- 4: High performance servo drive.
- 5: Test speed can be preset freely through software.
- 6: Selectable load cell: 50N, 100N, 250N, 500N, 1000N.
- 7: Silence running, < 25db@1000.
- 8: ISO, ASTM standards test available and non-standard test available.
- 9: Electronic limit, computer preset, non-mechanical limit.
- 10: Overload protection, less power consumption.
- 11: DB9 RS232 communication port .
- 12: Tensilyst workstation support.
- 13: Break force, elastic modulus, seal strength, tensile,90 peeling strength, 180 peeling strength test available.
- 14: Historical data traceable, system log.
- 15: 5 degrees user management.
- 16: Group test, auto multiple curves overlaying display, auto statistic calculation.
- 17: DSM system is optional(Laboratory Management Information System), easy to manage test data.

Technical Indexes

- 1: Load range: 50N, 100N, 250N, 500N, 1000N.(Personal customization available)
- 2: Accuracy: 0.03%FS max
- 3: Max travel distance: 1000mm.
- 4: Test speed: 0.1mm/min – 1000mm/min.
- 5: Displacement accuracy: better than 0.01mm.
- 6: Sample width: 38mm. (optional)
- 7: Sample thickness: 5mm. (optional)
- 8: Power supply: AC 220V 50Hz.(optional)
- 9: Power consumption: 300W.(Max)
- 10: Dimension 380mm(L) X 450mm(B) X 1309mm(H)

11: Net weight: 92kg.

Standards

ASTM D882, ASTM D828, ASTM E4, ASTM D1938, ASTM D3330, ASTM F88, ASTM F904, ISO 37, GB1040, GB8808, GB4805, GB7753, GB 7754, GB 453, GB/T17200, GB/T16578, GB/T 7122, GB/T 2790, GB/T 2791, GB/T 2792, JIS P8113, QB/T2358, QB/T 1130

Configuration

Delivery: main unit, computer, load cell, professional computer software, servo drive system, fixtures, communication cable.

Optional: sample cutter, test plate, roller, non-standard fixtures, calibration assemblies, DSM system.



FIXT-NEEDLE-F0217
Rubber Plug Puncture Force Test Fixture



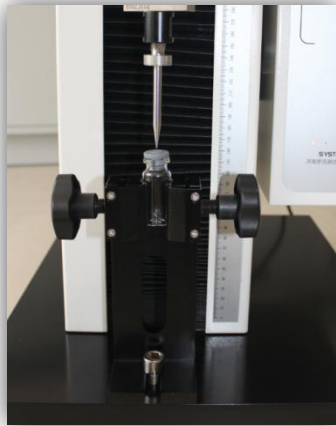
FIXT-INJE-F0215
Piston Sliding Force and Leakage Test Fixture



FIXT-AMP-F0204
Ampoule Breaking Force Test Fixture



FIXT-CAP-F0203
Al-plastic Combination Cap Separation Force Fixture



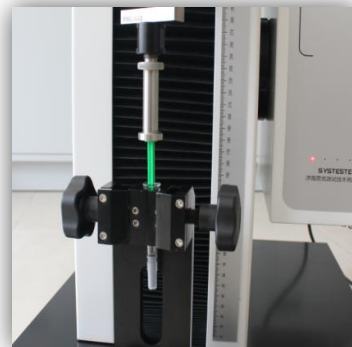
FIXT-CLO-F0205
Rubber Plug and Gasket
Puncture Force Test Fixture



FIXT-PCPO-F0225
Hypodermic Needle and Needle Hub
Separation Force Test Fixture



FIXT-CLO-F0220
Device for Tightness and Puncture
Retention Test of Penicillin Bottles



FIXT-CLO-F0223
Hypodermic Syringe Sealability Test
Fixture



FIXT-CUTT-F0221
Pinhole Patency Test Fixture



FIXT-PRES-FP02
Medical Bags Pressure Withstand Test Fixture

Note: Specifications are subject to change without prior notice.