

Universal Tensile and Elongation Tester

This electronic tensile tester is suited for packaging industries. It can perform tests for tensile strength, peeling, deformation, and tearing.



ADDITIONAL IMAGES



Product Overview

Versatile Material Testing Solution

This electronic tensile tester is engineered for precise mechanical property analysis across a wide range of flexible materials, including plastics, films, rubber, and packaging components. Designed for high-reliability industries such as food, pharmaceuticals, and cosmetics, it performs comprehensive tests including tensile strength, peeling, deformation, tearing, and heat seal integrity. Its robust design and high-accuracy sensors make it an essential tool for material characterization and quality control in both research and manufacturing environments.

Applications

Supported Materials

Plastic films, Laminated materials, Flexible packaging, Adhesives, Tapes, Rubber, Paper fiber, Non-woven

Test Capabilities

Primary Test Items

- Tensile
- Peeling
- Deformation
- Tearing
- Heat seal
- Adhesive strength
- Puncture force

Compliance

International Standards

- ASTM D828
- ASTM D882
- ASTM D1938
- ASTM D3330
- ASTM F88
- ASTM F904
- JIS P8113
- GB/T 8946
- GB 8808
- GB 13022