

Electronic Tensile Tester for Material Strength Testing

The electronic tensile tester measures the physical and mechanical properties of materials like plastic films, flexible packaging, and adhesives. It features a digital display, adjustable testing parameters, and integrated software for data acquisition and analysis.



ADDITIONAL IMAGES



Product Overview

Versatile Material Strength Testing

This electronic tensile tester is a precision instrument designed for testing the physical and mechanical properties of flexible materials, including plastic films, adhesives, and paper fibers. It supports a wide range of analytical functions such as tensile, peeling, deformation, tearing, and puncture force testing. Ideal for the food, pharmaceutical, and cosmetic packaging industries, this machine offers high-resolution measurement and a user-friendly interface for consistent quality control.

Technical Specifications

Force Measurement Range

500 N

Force Capacity

1500 %

Elongation Range

Performance Metrics

Parameter	Value
Force Resolution	1/100,000 of sensor range
Test Speed	0-500 mm/min
Displacement Precision	±0.5%
Effective Test Travel	800 mm

Physical Dimensions

Physical Characteristics

- Dimensions: 600(L)mm x 600(W)mm x 1300(H)mm
- Weight: 70kg
- Power Supply: AC220V / 50Hz

Standards and Compliance

International Testing Standards

ASTM D828, ASTM D882, ASTM D1938, ASTM D3330, ASTM F88, ASTM F904, JIS P8113, GB/T8946, GB 8808, GB 13022, YBB Standards