

# Universal Material Tensile Strength Tester

This universal testing machine determines the tensile strength of various materials. It features precise data acquisition and analysis for quality control and research applications.



## Product Overview

### Universal Material Tensile Strength Tester

This computer-controlled universal material tensile strength tester is designed for precise quality control and research applications. It supports a wide variety of testing modes including tensile, tear, peel, and elastic recovery tests across diverse materials. With high-speed sampling and comprehensive PC-based analysis, this system provides reliable data for industrial and laboratory environments.

## Performance Metrics

### Measuring Range

**100 N**

Minimum Force

**5000 N**

Maximum Force

Tensile Speed	2mm/min ~ 1200mm/min
Return Speed	2mm/min ~ 1000mm/min
Elongation Capacity	350 %

## Technical Specifications

Power Supply	AC220V, 50HZ
Dimensions	690mm x 480mm x 1270mm
Weight	130 kg

## Standards Compliance

Compliant Standards	ASTM D5034, ASTM D 2261, ASTM D434, GB/T3923, GB/T3917, GB/T13772, FZ/T80007.1, ISO5081, DIN53859, DIN53858, BS3320, BS4303, BS2576, BS2543
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## Operational Features

### Supported Test Modes

- Tensile
- Tear
- Peel
- Fixed Load
- Fixed Elongation
- Elastic Recovery Rate
- Broken Test
- Compression
- Bending

### Certifications

CE • ISO 9001:2000