

**KASON-TST500 Paper Tensile Strength Tester**

(The picture is for reference only)

**Product Introduction**

This instrument can test the tensile strength, tensile index, breaking length, and modulus of elasticity of samples such as paper and paperboard. It is designed and manufactured according to GB/T12914-2008 (Determination of Tensile Strength of Paper and Paperboard).

**Technical Parameters:**

1. Measuring Range: 500N (Other ranges available: 30N, 50N for toilet paper)
2. Display: 7-inch touchscreen
3. Structure: Single-column type
4. Load Measurement Accuracy: Grade 1

5. Speed Accuracy:  $\pm 2\%$
6. Speed Range (mm/min): 1-500
7. Displacement Measurement Accuracy: 0.1mm
8. Force Accuracy: 0.01N
9. Fixture: Paper-specific tensile fixture
10. Fixture Distance: Automatically adjustable (adjusts automatically according to set distance)
11. Result Processing: Automatic tabular processing, maximum, minimum, average value/force-displacement curve/force-time curve
12. Data Communication: WIFI/USB/remote transmission, data management function (optional)
13. Software: Annie Testing and Control Software V1.0
14. Data Printing: Integrated micro printer
  
15. Tensile Space (mm): 200
16. Net Dimensions (mm): Length x Width x Height 400×420×850  
Packaging Dimensions (mm): Length x Width x Height 480×450×900
17. Power Supply (Kw): 0.36
18. Weight (kg): 40

**Product Features:**

1. The entire testing process is controlled by a single-chip microcomputer, with one-button testing and automatic return to the original position;
2. Professional paper testing software automatically calculates tensile strength, tensile index, breaking length, and modulus of elasticity.
3. High-precision sensor, force value accurate to 0.001N.
4. Features curve display and query functions.
5. Compact product size, easy to place and operate.

A remote data transmission management system can be added to achieve wireless data transmission and multi-specification sample data management and analysis.

# FOCUS IN MATERIAL TEST

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