

KASON-MPT200 Paper Straw Mechanical Property Tester



(The picture is for reference only)

Introduction:

This instrument is specifically designed for testing the mechanical properties of various paper straw materials. Its functions comply with the requirements of Appendix A and Appendix B of GB/T 44833-2024 Paper Straws.

Features:

- 7-inch industrial-grade color resistive touchscreen: clear view, menu-driven interface, sensitive touch, and easy operation.
- Integrates multiple independent test programs such as tensile and compressive tests, providing users with a variety of test options.
- Supports bidirectional tensile and compressive testing modes; both progress and return speeds are adjustable.
- Can be set to stop based on test conditions such as force and displacement according to test requirements.
- Equipped with a well-known brand force sensor, with testing accuracy better than 0.5 grade, effectively ensuring the accuracy of test results.
- Equipped with an imported high-precision, high-speed sampling chip, ensuring the accuracy, real-time performance, and repeatability of test results.
- Offers a variety of force sensor specifications for convenient testing under different conditions.
- Features precision ball screw multi-axis positioning technology, allowing for arbitrary adjustment of test speed, ensuring accuracy of test speed and displacement, and smoother operation.
- Professional and user-friendly fixtures. Stable, reliable, and easy to operate.

- Extensive application support:** Offers a variety of sample fixtures for users to choose from, meeting the testing requirements of over 1000 materials.
- Intelligent design features such as limit protection, overload protection, and automatic return ensure operational safety.**
- Multi-level user permission settings:** User permissions can be arbitrarily set according to actual needs.
- Real-time display of force value changes during the test curve.**
- Supports group test data overlay and comparison analysis, with multi-unit conversion function.**
- Equipped with a USB interface for convenient external access to computer systems, data transfer, and software upgrades.**
- Supports quick viewing of historical data; test data can be traced back to its source.**
- Equipped with a mini printer for real-time printing of test results.**
- Professional computer control software:** Provides various practical functions such as group sample statistical analysis and historical data comparison (optional).

Specification:

Model	KASON-MPT200
Sensor Specifications	200 N (Standard)
	30N / 50 N / 100 N / 500 N (optional)
Force accuracy	Better than level 0.5
Display resolution	0.001N
Test speed	0.01 ~ 500 mm/min (steplessly adjustable)
Speed accuracy	Indicated value $\pm 0.5\%$
Test fixture	Stiffness and puncture force fixture for paper straws
Stroke	400 mm (other strokes can be customized)
Dimensions	330mm(L) \times 410mm(B) \times 680mm(H)
Power supply	AC 220 V 50 Hz
Net weight	35kg
<p>※ Note: For users with special needs, our company can provide customized production within our capabilities to meet their requirements.</p>	

FOCUS IN MATERIAL TEST

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