

## KASON-PST10S Paper Cup Body Stiffness Tester



### Application:

The paper cup stiffness tester is a specialized instrument for testing the stiffness of paper cups. This instrument is designed according to QB/T2294 and GB/T27590 standards for paper cups. The standard is designed based on the basic requirements for the instrument and the general technical requirements of JJG157 "Non-metallic Tensile, Compression and Universal Testing Machines". It is an essential instrument for paper cup manufacturing enterprises and related scientific research and quality inspection departments.

### Meets standards:

GB / T27590-2022 QB/T 2294, JJG157 , etc.

### Technical Features:

1. The instrument is highly accurate, employing a high-precision force sensor and an imported American chip processing system, ensuring accurate measurement readings.
2. Excellent repeatability : In the testing system, the two measuring heads move relative to each other via a precision lead screw, ensuring accurate and constant testing speed and excellent repeatability of test results. The testing speed and relative movement distance of the measuring heads can be arbitrarily set within a certain range, improving the applicability of the instrument. This function is of great significance to scientific research and testing institutions .
3. Easy to use and operate : A 7-inch touchscreen displays information in both Chinese and English , providing a user-friendly interface. It automatically completes tests, synchronously displaying the test force deformation curve and test force data. It also features test data statistical processing and a mini

printer for output.

### Technical Specifications:

Model	KASON-PST10S
Measurement range	0 ~ 1 0N
Resolution	0.0 0 1N
Indication accuracy	±1%
Test speed	50±0.1mm/min
Relative movement distance of probe	9.5±0.1mm
probe neutral	≤0.2mm
Distance between two probes	40 -- 120mm
Data output method	thermal printer
Data storage quantity	99 groups
External dimensions	500 mm (L) × 2 9 0 mm (W) × 35 0 mm (H)
weight	Approximately 18kg
power supply	220VAC 50Hz / 1 1 0VAC 60Hz
Usage Environment	Temperature 15°C-50°C; Humidity ≤80%; No condensation
Standard configuration	Instrument main unit, sample tray, power cord, printer paper, technical documents
※ Note: For users with special needs, our company can provide customized production within our capabilities to meet their requirements.	

# FOCUS IN MATERIAL TEST

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