

## KASON-BST2D Fully Automatic Burst Strength Tester



(The picture is for reference only)

### Introduction:

The electronic paper and paperboard bursting strength tester is developed and manufactured based on the internationally recognized Mullen method. Its performance parameters and technical indicators meet the requirements of standards such as ISO 2759, GB 1539, ISO 2758, and GB 454. It is suitable for bursting strength testing of various types of paper and paperboard, and can also be used for bursting strength testing of non-paper sheet materials such as silk, cotton, and leather. This instrument is simple to operate, reliable in performance, and technologically advanced, making it an indispensable and ideal piece of equipment for research institutions, paper mills, the packaging industry, and quality inspection departments.

### Features:

1. This product uses a 7-inch color LCD touchscreen as the display terminal. The interface is clear and intuitive, and the operation area is logically laid out. Users can easily complete various settings and operations via touch, improving ease of use.
2. It is equipped with a user-friendly menu-driven human-machine interface. The structure is clear and the logic is well-defined, allowing operators to quickly get started and effectively reducing learning and usage costs.
3. The system has a power-off protection function, which can automatically save the current test data in the event of an unexpected power outage, ensuring that data is not lost and improving the safety and reliability of the testing process.

4. It supports an optional RS232 communication interface, facilitating data exchange with a host computer or other external devices, meeting the needs of system integration and remote data management.

5. It has a built-in modular integrated thermal printer with a compact printing structure and stable operation. It can output complete and detailed test data reports in real time, facilitating recording and archiving, and meeting the stringent data output requirements of various testing scenarios.

### Specification:

<b>Model</b>	<b>KASON-BST2D</b>	
Measurement range	Cardboard 250-5600Kpa	Paper 40-1600kpa
Clamping force between chucks	Adjustable from 400-1200 kPa	
Clamping method	Pneumatic	
Pressurized oil delivery speed	170±15ml/ min	95±5ml/min
Overall machine accuracy	1 级	
Indication accuracy	≤±0.5%	
Hydraulic system sealing performance	At the upper limit of measurement, the pressure drop within 1 minute is <10% of Pmax.	
Film cam pressure	When the protrusion height is 10mm, its resistance range is (170 ~ 220) kPa. When the protrusion is 18mm, its resistance range is (250~350) kPa.	When the protrusion height is 9mm, its resistance range is 30±5kPa.
Sample clamp ring dimensions	The diameter of the upper and lower clamping rings is φ31.5±0.05mm.	Upper 30.5±0.1mm Lower 33.1±0.1mm
Concentricity of upper and lower plates	≤0.25mm	
External dimensions	460*450*500mm	
Power supply	220V 50HZ	
Power	About 90W	
Test conditions	Temperature 10–30°C, humidity not exceeding 85%, workbench stable, surface flat and vibration-free.	
Net weight	About 45kg	
Standard configuration	Main unit + mini printer + wrench + glycerin + adhesive film + power cord	
Meets standards	ISO 2759 Paperboard—Determination of bursting strength, GB 1539 Paperboard—Determination of bursting strength, ISO 2758 Paper—Determination of bursting strength, GB 454 Paper—Determination of bursting strength, etc.	

# FOCUS IN MATERIAL TEST

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