



PNSHAR



# Digital Burst Tester

PN-BSM600F

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### Description

Bursting strength refers to the maximum pressure that can be absorbed by the paper or corrugated board per unit area perpendicular to the surface of the sample under the test conditions. It is an important item to measure the quality of the carton, and it reflects the ability of the carton to withstand the forces from loading, unloading, impact, and tear during the circulation process.

PN-BSM600F Burst Strength Tester is a Mullen type tester, able to test the bursting strength of paper, paperboard and corrugated board automatically. As soon as you place the specimen, machine will automatically perform detection, testing return, calculation, and saving / printing out test data, has the functions of test, parameters conversion, adjustment, display, memory and printing included in the standard.

With data processing function, it can directly get the statistical results of each data, and can be automatically reset, easy to operate, easy to adjust, and stable performance.

PN-BSM600F Burst Strength Tester is designed to meet international standards.

### Applications

It applies for determining the bursting strength of paper, paperboard and corrugated board.

### Standards

GB /T 1539, GB/T 6545, QB/T 1057, ISO 2759, TAPPI T810.

### Gallery



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Specification	
Power	AC220V±10% 2A 50Hz
Accuracy	≥99.5%
Resolution	0.1kPa
Measuring Range	(350~5500) kpa
Compression Rate	170±15ml / min
Compressed Air Required	Rated Pressure 0.6~0.7 MPa Exhaust Volume 0.02~0.3M <sup>3</sup> /min (Supplied by the buyer)
Diaphragm Size	Bulge Height 2.5±0.2 mm Bulge Diameter 27.8 mm
System Sealing	Within 1min Pressure Drop<10% FS
Display	7" Color Touch Screen
Built-in	Thermal Printer
Communication Port	R232
Working Condition	Indoor Temp 20 ± 10°C Relative Humidity < 85%
Dimension	(535 x 365 x 585) mm (LxWxH)
Net Weight	About 68 Kg
Upper Clamp	31.5±0.05 mm
Lower Clamp	31.5±0.05 mm
Hydraulic Transducer	<6000 kpa
Clamp Pressure	≥690kpa
Diaphragm Resistance	When the bulge height is 10mm, the pressure is 170~220kpa When the bulge height is 18mm, the pressure is 250~350kpa




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