

# ZB-NPY Mullen burst tester

## ◆ Introduction

Mullen burst tester is the basic instrument for testing the anti-bursting degree of paper and cardboard. It conforms to the Standards of ISO2758 Paper- Determination of bursting strength, ISO2759 Board- Determination of bursting strength and GB1539 (method for testing cardboard bursting strength). It uses high precision sensors. With data processing, the data can be directly obtained, and can automatically reset. It has the advantage of easy operation, easy adjustment, stable performance, which make it become the essential instrument for papermaking, packing, inspection and research.

## ◆ Standards

ISO2759 GB/T1539 ISO2758 GB/T454

## ◆ Main Features

1. Manual clamp system
2. Micro-computer control, use hydraulic oil as the driving force to break the specimen.
3. When the specimen is broken, it stores the maximum automatically
4. Automatic measurements, statistics, print the test results, and has data storage function
5. Micro-printer, high print speed, low failure;
6. Large color touch screen display
7. Mechanical and electrical integration of modern design, compact structure, excellent appearance, easy maintenance

## ◆ Main technical parameters

Item	ZB-NPY5600	ZB-NPY1600
Power supply	AC220V±10% 50HZ	
Measuring range(kPa)	0-5600	0-1600
Accuracy	±0. 5%F. S	
Compression speed (ml/min)	170±15	95±5
Clamp pressure(kPa)	≥690	≥430
Diameter of clamp	Upper clamp	30. 5±0. 05
	Lower clamp	33. 1±0. 05
Pneumatic pressure	0. 45~0. 6MPa	0. 3~0. 5MPa
Film resistance(kPa)	when the bulge height is 10mm, the pressure is 170~220kpa	when the bulge height is 9mm, the pressure is 25~35kpa
	when the bulge height is 18mm, the pressure is 250~350kpa	
Dimension	480*420*600mm	
Net Weight	55kg	

Noted: ZB-NPY1600 is used to test paper, ZB-NPY5600 is used to test paperboard.



**دقیق پرتو**  
**DAGHIGH PARTO**  
Laboratory Test Equipment

شرکت دقیق پرتو  
تامین کننده تجهیزات آزمایشگاهی و کنترل کیفی

۰۲۱-۶۶۹۳۷۲۱۴