

NPD-1000S 全自动耐破强度测试仪
Full-automatic Bursting Strength tester



It is used to test the bursting strength and bursting index of paper and paperboard. It is one of the evaluation methods for the comprehensive performance of paper and paperboard, which is used to test the ability of protecting products when the paper box is transported, loaded and unloaded, hit, torn and squeezed in the circulation process. Suitable for cardboard, kraft paper, cardboard, corrugated paper, gray board paper, etc. It is more suitable for carton manufacturers, carton users, scientific research institutions and so on.

Technical Characteristics

- Equipped with a micro printer to quickly print the test results, sample batch number, laboratory personnel and other information
- Test head material: cylinder part, upper clamping part and lower clamping part are all 304 stainless steel
- The protective device is a safer test process
- Pneumatic clamping, one key operation in the experimental process to avoid errors

Parameter

Parameter item	Paper (low pressure)	Paper Board (high pressure)
Test range	70~1600kpa	150 ~5600kpa



Link Testing
Only for Flexible Packaging

Pressing speed	95±5ml/min	175±5ml/min
Plate diameter	30.5±0.1mm upper plate	31.5±0.1mm upper plate
	33.1±0.1mm lower plate	31.5±0.1mm lower plate

Resolution 0.01KPa
 Indication accuracy ±0.5%FS,
 Film resistance 25~35KPa
 Raised height: 9mm
 Raised height: >430 KPa (Adjustable)
 Test system tightness 1min Internal pressure drop<10%Pmax
 Set pressure of pressure gauge 2.5-3Kg/cm2
 Boundary dimension 400mm×350mm×500mm (L*W*H)
 weight 33Kg
 Air source pressure 0.5-0.7MPa (Gas source provided by user)
 working temperature 15℃-50℃
 relative humidity 80% max, no condensation
 Working power supply 220V 50Hz

Standard

GB/T454 、QB/T 1057、ISO 2758 YBB00152002-2015

Product configuration

Mainframe, micro printer, plastic film, hydraulic oil



Aluminum foil calibration piece



Silicone



Special rubber diaphragm

