

## DRK109ST Pneumatic Paper&Cardboard Bursting Tester--Touch-screen



### Product Introduction:

DRK109ST pneumatic paper&cardboard bursting tester is the international general mullon (Mullen) type instrument is the basic instrument for testing the strength performance of paper and cardboard, the instrument is simple to operate, reliable performance, advanced technology, scientific research units, paper manufacturers, packaging industry, quality inspection department indispensable ideal equipment.

### Product features:

1. Touch screen control technology, open structure, high degree of automation, easy to operate, safe and reliable.
2. Automatic measurement and intelligent calculation function.
3. Independently developed software, the paper rupture strength tester | rupture resistance tester automatically measures, counts and prints test results, and has the function of data storage;
4. High-speed micro-printer, high-speed printing, easy to use, low fault;
5. Modern design concept of electromechanical integration, hydraulic system, powerful function, compact structure, beautiful appearance and easy maintenance.

### Product Application:

Used for testing all kinds of single layer paper and not higher than 2000kpa thin paper board can also be used for testing non-paper products such as silk cloth.

**Technical standard:**

ISO2759	《Determination of bursting resistance of cardboard》 ,
QB/T1057	《Paper and board wear tester》 ,
GB1539	《Test method for breaking resistance of cardboard》 ,
GB/T 6545	《Determination of breaking strength of corrugated board》 ,
GB/T 454	《Paper - determination of breaking strength》

**Product parameters:**

Index	Paper Testing	Cardboard Testing
Test range	10—2000kpa	10—6000kpa
Clamping force between upper and lower chucks	>430 kpa	>690 kpa
The film resistance	height of projection up to 10mm ,20-40kpa	height of projection up to 10mm,170-220kpa
Precision	1 grade (resolution: 0.1kpa)	1 grade (resolution: 0.1kpa)
Indicating accuracy	±0.5%F.S	±0.5%F.S
Air pressure	0.6MPa ( Air source self - prepared, optional )	
Sealing of hydraulic system	At the measured upper limit,1 minute pressure drop <10%Pmax	
Sample clamping ring size	Upper clip rin apertureφ30.5±0.05mm Lower clipringapertureφ33.5±0.05mm	Upper clip ring aperture φ31.5±0.05mm Lower clip ring aperture φ31.5±0.05mm
Motor Power	90W	
Dimension	700mm×400mm×550mm	
Power	AC220V±5% 50Hz	

**Product configuration:**

One main machine,  
 Two special wrenches,  
 One bottle of silicon oil,  
 Three pieces of film,  
 One power cord,  
 Four rolls of printing paper,  
 Certificate of quality  
 One copy of instruction.

