

CINSUN

Stable Reliable Consistent



Pneumatic automatic breaker
G229P



Stable Reliable Consistent

pneumatic automatic bursting tester

— test of resistance to bursting performance of material

G229P pneumatic automatic bursting tester ,Adopting the principle of air pressure blasting, it can quickly and accurately test the physical properties such as bursting strength, bursting height and bursting force, etc. when the material is evenly stressed on a large test area, and evaluate the bursting resistance of the material.

G229P pneumatic automatic bursting tester

1. The tester accurately controls the bursting time through the intelligent control algorithm. It has two control modes: manual and automatic. It is equipped with touch screen control software, which is easy to operate, and can save, analyze and print the test results. The instrument adapts to a large range of pressure and it meets the requirements of materials for burst strength testing.

2. Pneumatic bursting strength tester is widely used in textile/leather/paper and other fields. It measures the bursting strength and height of woven, knitted, non-woven, paper or sheet by pneumatic blasting, and it is a basic equipment used for strength testing.



Standards compliant

ASTM D3786 Hydraulic bursting strength test method for textiles: Diaphragm bursting strength test method;
ISO 13938-2 Textile bursting characteristics. Air pressure method for testing bursting strength and bursting expansion;

IWS TM 29 International Wool Bureau Standard;

EDANA 80.4.2002 Recommended test method - non-woven fabric bursting;

NEXT 22 Determination of the bursting properties of fabrics.

G229P pneumatic automatic bursting tester — Several Major Features



Meet multiple test standards

Convenient test cup clamping system, various of test cups available, meet different test standards; equipped with test safety cover and lighting system to ensure test safety and improve comfort.



Multi-directional safety protection

Color LCD touch control screen, optional dual button to start test and foot switch control mode, easy to use, safe and reliable.



Powerful software functions

Simple and easy-to-use instrument control and data analysis software, built-in test software for real-time display of test data, easy operation, data saving and viewing, data analysis and printing.



Wide test range

The instrument adopts pneumatic bursting method, and the maximum power can reach 1.5MPa; it can meet multiple test requirements.



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G229P pneumatic automatic bursting tester — Field Application



pneumatic automatic bursting tester, Test for bursting strength of various textiles, such as woven fabrics, knitted fabrics, hollow lace fabrics, etc.



It is applicable to the performance verification of new products, quality control of the production department, and the material properties for the third-party testing organization, the product performance verification laboratory, and the quality and technical supervision department, etc.



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G229P pneumatic automatic bursting tester — Field Application

Standard configuration



229P01

Test kit with diameter
of 30.5MM (including test cup)



229P02

Test kit with diameter
of 35.7MM (including test cup)



229P03

Bursting film

Optional Accessories



229P04

Test kit with diameter
of 30MM (including test cup)



229P05

Test kit with diameter
of 31MM (including test cup)



229P06

Test kit with diameter
of 79.8MM (including test cup)

G229P pneumatic automatic bursting tester — Field Application

Optional Accessories



229BP07

Test kit with diameter of 112.8MM (including test cup)



229BP08

Silent laboratory-scale air compressor (32L)



229BP09

Booster pump (boost from 1MPa to 1.5MPa)



229BP10

Correction aluminum foil / bag

Technical Parameters

Maximum bursting force: 1.50Mpa	Test mode: manual / automatic / optional
Accuracy: 0.2%	Report output: statistical analysis of results, printable test report
Sample fixing: pneumatic clamp, double button control	Report format: bursting strength, film pressure, bursting height, bursting time;
Output form: printout, display output, Real-time graphic display, inline communication	Diameter of bursting surface:30mm;30.5mm; 31mm; 35.7mm; 79.8mm; 112.8mm;
Size of bursting film:155.8mm	Weight:115Kg
Bursting height: 70±1%	Power supply:220V 50Hz
Pressurization rate: 1-100kPa/min, adjustable	Dimension:80cmX70cmX110cm
Pressurization method: air pressurizing method	



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