

SKZ155D Auto Pneumatic Bursting Strength Tester



Determination pressure for a variety of fabrics, including knits, woven fabric, non-woven fabric, laminated fabric and other craft-made variety of fabrics, in standard conditions or under wet bursting strength and bursting dilation.

Standards

ISO13938-2, ASTM D3786, IWS Tm29

Test principle:

Through the circular clamping the sample holder can be extended in the diaphragm, the gas pressure applied below the diaphragm, the diaphragm and the sample expansion. Rate of increase has been constant pressure until the sample burst, measured burst strength and burst dilation.

Features:

1. Microcomputer control, automatic burst test, automatic calibration, automatic data processing, test report form output.
2. Color touch screen interface, the English menu operation, support online communication
3. Pneumatic clamping sample system, high cleanliness.
4. Anti-pinch safety protection
5. Burst pressure up to 1.2Mpa
6. Burst expansion up to 70mm.
7. Test surface to strengthen the lighting system.
8. A variety of test area is optional, and easy to switch.

Technical parameters:

Items	Specification
Test range	0-1 .2 Mpa
Resolution	0.002 Mpa

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Pressure mode (3 mode)			Direct pressure, timing pressure, constant dilatation pressure		
Test Accuracy			$\leq \pm 0.2\% F \cdot S$		
Test area	Area (cm ²)	100	50	10	7.3
	Diameter (mm)	112.8	79.8	35.7	30.5
Diaphragm thickness			$\leq 2\text{mm}$		
Pressure rate			nonlinear sub-pressure 0.1-0.5L/min		
Safety cover			high transparent plexiglass		
Power			AC220V/50Hz 800W		
Dimensions			470x500x770mm		
Weight			45kg		

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