



Bursting Strength Tester GT-C12A



Application:

Bursting Strength Tester is applied to determine the bursting strength test and distension at burst of woven, knitted and non woven fabrics, papers and boards by the application of hydraulic load under a rubber diaphragm.

Standards:

ISO 13938.1, FZ/T 60019, FZ/T 01030, ASTM D3786, BS 4768, WOOLMARK TM 29 WSP 30.1, JIS L 1018.6.17

Features of burst strength tester

1. This **burst test equipment** use hydraulic method, meet multinational standards and equipped with several changeable test clamp.
2. The simple interface touching screen controller is easy and simple to handle.
3. The specimen was clamped firmly by the pneumatic force which can also save effort.
4. The burst test cover was made up of high-transparent glass with LED light inside which can observe the specimen easily.
5. The burst test equipment can induct the burst automatically which is much more sensitive and reliable.
6. The bursting distension can go up to 75mm.
7. The AC servo drive system with low noise and wide range of applications.
8. 4 Test Methods: Constant Rate Bursting, Constant Expansion, Constant Pressure and Constant Time Bursting.
9. The burst tester bring saving and printing functions and support on-line operation.
10. Provide on-line interfaces, professional detection software which can be used to analysis testing result.



Dimensions of burst strength tester

External Dimension:
550*450*700 mm (L*W*H)
Package Dimension:
560*460*640 mm (L*W*H)
Gross Weight:
145KG
Net Weight:
125KG



Key Specifications of burst strength tester

Model	GT-C12A-1	GT-C12A-2
Range	2.00Mpa	10.000Mpa
The min. Division value	0.001Mpa	0.003Mpa
Test area	7.3 cm ² (Φ30.5mm), 10 cm ² (Φ35.7mm), 50cm ² (Φ79.8mm), 100 cm (Φ112.8mm) can be option	
Thickness of rubber diaphragm	≤2mm	
Pressure speed	20ml/min - 600ml/min	
Maximun expansion height	75 ± 0.02mm	
Testing units	Kpa, kgf/ cm ² , atm, mmHg, lb/in ² free shift	
Test method	Constant Rate Bursting, Constant Expansion, Constant Pressure, Constant Time Bursting	
Output	Printer ,display output, and can be connected to the computer	
Power supply	AC 220V 50/60HZ 200W	

Dimensions	550×450×700mm
Net weight	125kg

Standard accessories	1 set	Test set of 7.3cm ² (φ30.5mm)
	1 set	Test set of 50cm ² (φ79.8mm)
	1pc	Wrench
	1pc	Stainless steel calibration plate
	1pc	Rubber diaphragm
	1pc	English operation software
	1pc	Cable connect with PC
Optional accessories	Optional	Other test set
	Optional	Rubber diaphragm
	Optional	Air compressor