

Product Presentation



Application

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



Feature

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



Interface



LOGO
Parameter setting
Calibration
Report print
Online

Sample Cover



Inner dia. :50cm², made of PMMA, LED lamp inside, Magnets in installation, convenient to be changed.

Printer



Print out the test result.

Sample Fixtures



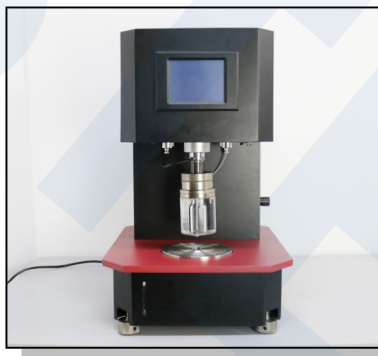
PMMA Cover, avoid to be hurt. make it's safety. Upper press plate inner dia. : 10cm²
Lower device test area: 7.3cm²

Put sample



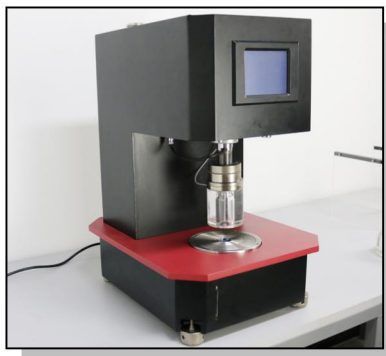
Put prepared sample.

Front View



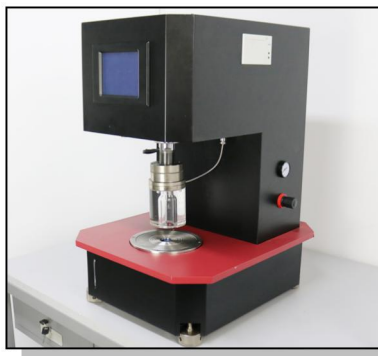
Front view for whole machine

Left-Side View



Left-side view for whole machine

Right-Side View



Right-side view for whole machine

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

Key Specification

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 ² (Φ112.8mm) can be option	
Thickness of rubber diaphragm	≤2mm	
Pressure speed	20ml/min - 600ml/min	
Maximum 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	

Key Specification

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