



Pneumatic Bursting Strength Tester For Protective Clothing GT-C12B



Application:

Pneumatic Bursting Strength Tester For determining the bursting strength of woven or knitted fabrics, non-woven, paper, protective clothing, leather and board by application of a pneumatic load under a rubber diaphragm of a specific area. Provide with a digital readout of pressure with peak value hold facility, renewable rubber diaphragms, and manual clamping device with acrylic bell, forward reverse and neutral drive system. Provide accurate elongation information of fabrics, up to 0.1mm.

Standards:

Feature

1. This Protective Clothing Bursting Strength Tester use pneumatic 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 test cover was made up of high-transparent glass with LED light inside which can observe the specimen easily
5. Protective Clothing Bursting Strength Tester 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 bursting strength 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.

Key Specifications

Model	GT-C12B
Range	1.50Mpa
The min. division value	0.002Mpa
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	10ml/min - 500ml/min
Maximun expansion height	75 ± 0.02mm

Testing units	Kpa, kgf/ cm2, atm, mmHg, lb/in2 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	600×400×530mm
Weight	200 kg