

Electronic Pneumatic Bursting Strength Tester Model: ADL-B201N

Scope

Used for pneumatic test of bursting strength and bursting expansion of all kinds of fabrics, including knitted fabrics, woven fabrics, nonwoven fabrics, laminated fabrics and other fabrics, under standard conditions or wet conditions.

Related Standards

GB/T7742.2(national standard first drafting unit) ISO13938-2, etc.

Instrument Characteristics

- Microcomputer control, automatic burst test, automatic correction, automatic data processing, experimental report form output results.
- Aerodynamic, high cleanliness
- Color touch screen interface, Chinese and English menu operation, support online communication.
- Bursting pressure up to 1.2mpa
- The maximum expansion degree of bursting can reach 70mm.
- Strengthen the lighting system on the test surface.
- The main aerodynamic power clamping sample system.
- A variety of test area is optional, and easy to switch.
- Chinese and English multiple unit conversion.
- Reliable safety protection design for preventing hand clamps.



Technical Parameters

- Test range : (0 ~ 1)Mpa(the range above 1Mpa needs to be customized)
- The minimum degree value : 0.0001Mpa
- Pressure mode : direct pressure timing pressure fixed expansion pressure three.
- The test accuracy : $\leq \pm 0.2\% F \cdot S$
- Elastic diaphragm thickness : $\leq 2\text{mm}$
- Test area : area(cm²) - 100 - 50 - 10 - 7.3
diameter ϕ (mm) - $\phi 112.8$ - $\phi 79.8$ - $\phi 35.7$ - $\phi 30$.
- Pressure rate : nonlinear subsection pressure (0.1 ~ 0.5)L/min
- Safety cover : high transparent plexiglass
- Power supply : AC220V $\pm 10\%$ 50Hz 800W
- Overall size : (470 \times 490 \times 780)mm (host L \times W \times H)
- Weight : 45kg

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Standard Accessories

Items and specifications	Qty	Notes
Main Machine	1	
Power cable	1	
Sample clamp ring	4	7.3 cm ² &10 cm ² &50 cm ² &100 cm ² ; 12pcs in total.
Elastic diaphragm	10	Thickness of 1.1mm
Fuse	2	5A
Booster air compressor	1	
Air tubes	2	High pressure tubes: 2m*Φ6mm 3m*Φ6mm
Sealing ring	3	Φ12mm×3mm*2, Φ25mm×5mm*1
Shockproof head	4	
Tee connector	1	
Software	1	Serial cable*1pcs
Bottom foot	4	
Open spanner	1	

**Technical Data Subject to change without notice.*

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Our Products

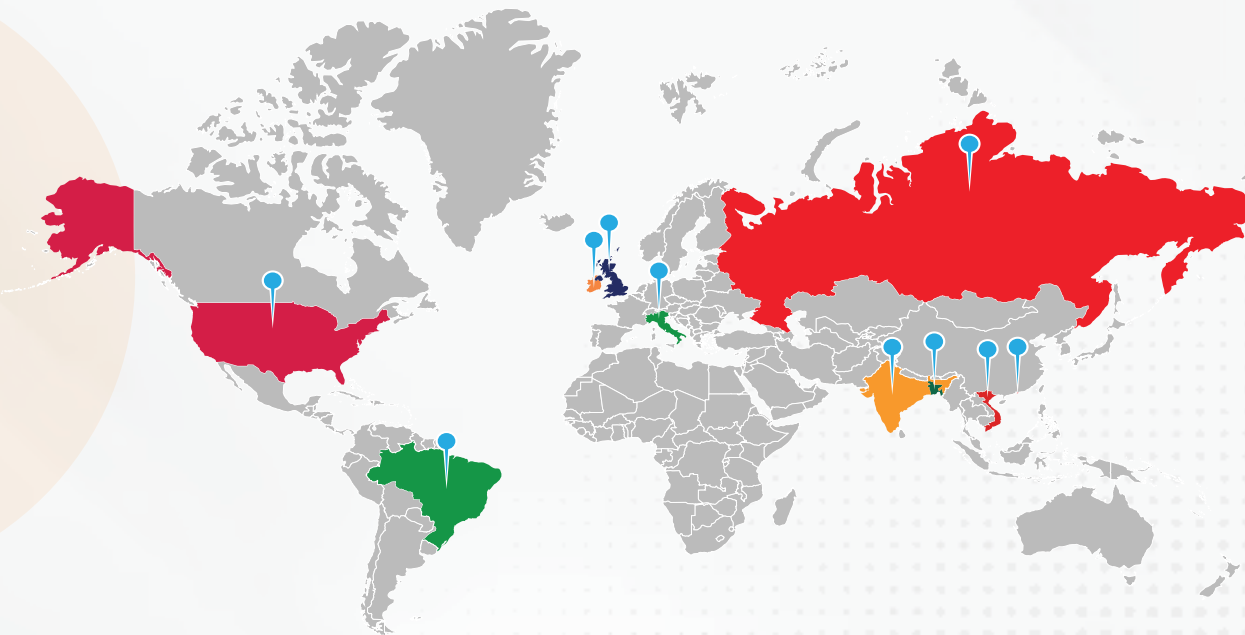
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers, Needle Detectors, and In-House Testing Equipment. Designed for precision and efficiency, our products ensure accurate testing and reliable performance across various industries.

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