

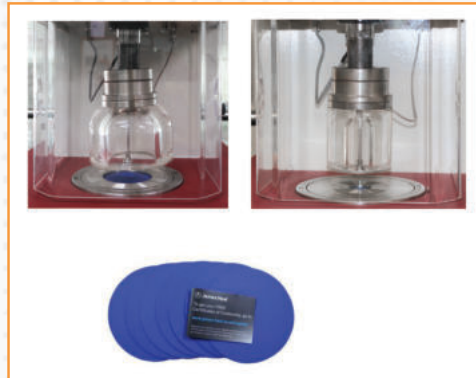
Pneumatic Bursting Strength Tester Model: ADL-PB301N

Application

The tester is used to measure the tensile strength and expansion of various materials such as textiles, knitwear, paper, nonwovens, leather, etc. when the warp, weft and all directions are stressed simultaneously (elastic diaphragm method).

Standards

ASTM D3786-06	IWS TM29
ISO 13938-2	GB/T 7742.2
ISO 2758	Woolmark TM29
EDANA 80.3-99	M&S P27
NEXT 22	



Features

- The air pressure method is adopted, which conforms to the national standard.
- Touch screen control, simple and easy to understand interface, simple and intuitive operation, sensitive touch.
- Pneumatic clamping, uniform clamping, avoid sample slippage or damage, easy to use.
- The test clamp is made of high transparent acrylic material, and the magnet is attracted and installed, which is convenient for replacement and disassembly.
- Built in LED lighting, convenient to observe the process of the sample experiment.
- Automatic induction blasting system, sensitive and reliable, the instrument has over range, over expansion protection function.
- It is equipped with plexiglass cover to prevent people from being hurt and make it safer to use.
- High precision pressure and displacement sensor measurement, AC servo drive system, high precision instrument, low noise.
- Using high-speed AD sampling and 32-bit ARM processor, the sampling frequency is high and the test accuracy is high.
- Automatic pressure, timing burst test function.
- The instrument has its own thermal printer, which can directly print reports, and the professional computer analysis software can realize two-way operation with the computer (obtain the national software copyright registration certificate).

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Specifications

- Instrument range: 1.2MPa
- Division value: 0.1kpa
- Test area: Standard configuration: 7.3cm² (φ30.5mm), 50cm² (φ79.8mm)
- Expansion accuracy: 0.01mm
- Pressure unit: kPa, kg / cm², bar, lb / in²
- Compressed air: 600 ~ 800kpa
- Test method: time burst and constant pressure burst
- Power/Air: AC220V 50Hz
- Demensions: 550*450*690mm
- Weight: 120kg Appx.

Standard Accessories

- | | |
|----------------------------------|---|
| 1. User Manual | : 1 set |
| 2. Equipment wiring diagram | : 1 set |
| 3. Attention, before starting up | : 1 set |
| 4. Inspection report | : 1 set |
| 5. Product certificate | : 1 set |
| 6. Pressure correction plate | : 1 set |
| 7. Clamp | : 2 set (7.3cm ² , 50cm ²) |
| 8. Data line | : 1 set |
| 9. Testing software | : 1 set |
| 10. Height correction plate | : 1 set |
| 11. Diaphragm | : 1 Pack |
| 12. Trachea | : 1 set |
| 13. Allen key | : 1 set (M3) |
| 14. Height block | : 1 set (20 mm) |
| 15. Instrument foundation | : 4 set |
| 16. Power line | : 2 set |
| 17. Hydraulic oil | : 1 set (500 ml) |
| 18. Insurance tube | : 2 set |
| 19. Syringe | : 1 set (50ml) |
| 20. Funnel | : 1 set |

**Technical Data Subject to change without notice.*

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AdLab is a globally recognized brand specializing in the manufacturing and supply of high-quality laboratory equipment and textile testing instruments. With over 15 years of experience, we are committed to delivering precision-engineered solutions that meet the needs of industries such as textiles, pharmaceuticals, research laboratories, and educational institutions. Our products are designed to enhance efficiency, accuracy, and reliability in scientific and industrial applications.

Our Skill

At AdLab, we combine expertise in precision engineering with advanced laboratory technology to create innovative and reliable testing instruments. Our team of skilled professionals continuously works on improving product designs, integrating the latest advancements in technology, and ensuring compliance with international quality standards. With a strong focus on research and development, we provide customized solutions that cater to the unique needs of our customers worldwide.

Our Products

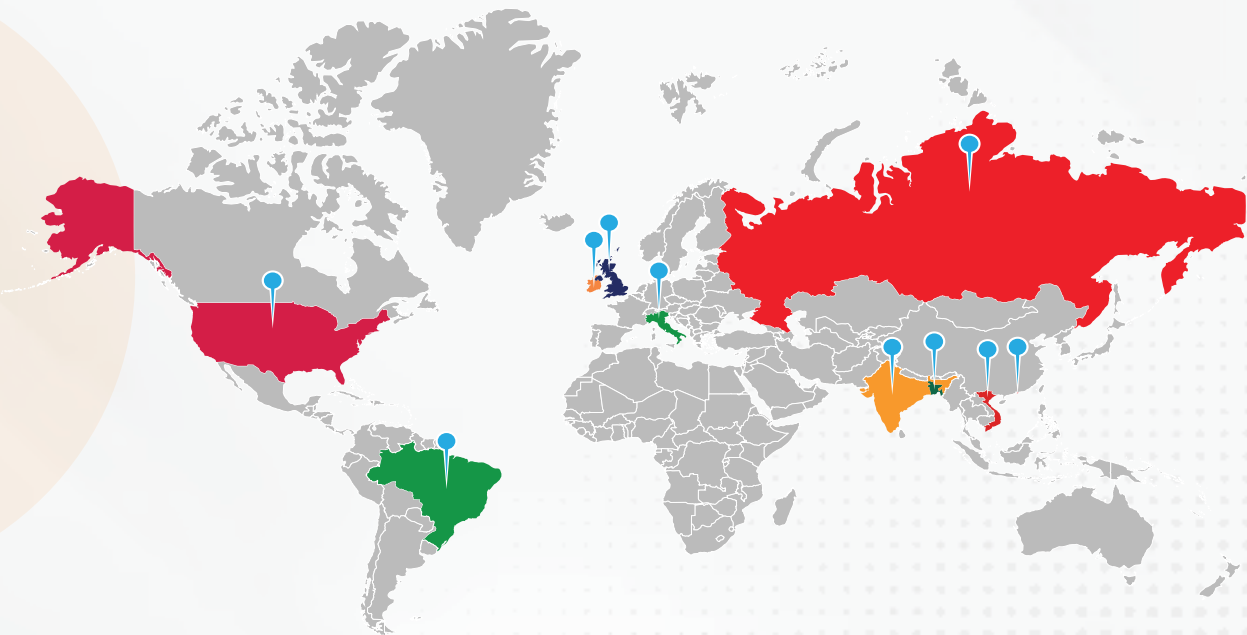
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers,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

Our Services

At AdLab, customer satisfaction is our top priority. We provide comprehensive support services to ensure the smooth operation of our equipment, including:

- ✓ 24/7 Technical Support Team – Our highly trained technical support team is available around the clock to assist with troubleshooting, maintenance, and operational guidance. Whether you need immediate assistance or expert advice, we are always ready to help.
- ✓ Installation & Training – We offer professional installation services and hands-on training to help users operate our equipment efficiently.
- ✓ Calibration & Maintenance – Regular calibration and maintenance services ensure that your laboratory instruments remain accurate and in optimal working condition.
- ✓ Customized Solutions – We provide tailored solutions to meet specific industry requirements, helping our clients achieve maximum efficiency in their operations.

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