



Hydraulic Bursting Strength Tester Model: ADL-HB01



Application

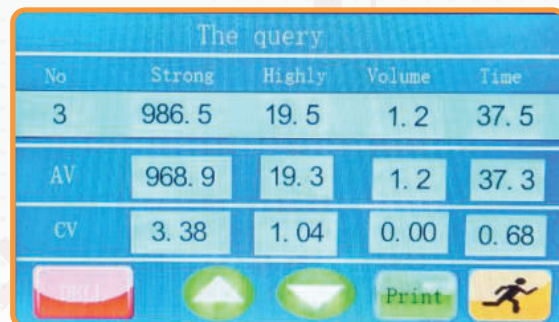
Hydraulic Bursting Strength Tester is used to determine the bursting strength and bursting distension of textile fabrics, such as knitted, woven, nonwoven and laminated fabrics or other fabrics produced by other techniques. A hydraulic pressure is applied under the fabric by using a constant rate of pumping device.

Related Standards

| | | | |
|-----------|-------------|------------|-------------|
| STANDARDS | ISO 13938.1 | ASTM D3786 | GB/T 7742.1 |
|-----------|-------------|------------|-------------|

Features

- Large touch panel with concise and clear menu, easy to operate.
- Manual clamping sample, special tooth profile clamps ensure the sample not slip.
- High quality and reusable diaphragms, durable in use.
- Query function: comprehensive test results in details.



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Hydraulic Bursting Strength Tester

Model: ADL-HB01

- Print function: test reports can be printed by a built-in micro-printer.

Key Specification

- Test area - 7.3cm² (Φ30.5mm±0.05mm)
- Measuring range - 0 ~ 6,000kPa
- Bursting strength resolution - 0.1kPa
- Bursting strength accuracy - ≤±1%FS
- Distension range - 0.1~35mm
- Distension resolution - 0.1mm
- Load speed - 10 ~ 150cm³/min
- Hydraulic fluid - Glycerin with concentration 85%
- Power supply - AC220V, 50Hz
- Dimensions - 550*400*600mm (L*W*H)
- Net weight - 90kg

| Fabric bursting Strength tester | | | | |
|---------------------------------|---------------------------------------|---------|----------------------|----------|
| Operator: | Goods: | | | |
| Temp: 20℃ | R.H: 60% | | | |
| Batch No: 01 | No: 03 NUM | | | |
| Speed: 20cm ³ /min | Return Speed: 200cm ³ /min | | | |
| Area: 7.3cm ² | | | | |
| -----Test records----- | | | | |
| No | F (kPa) | H (mm) | V (cm ³) | Time (s) |
| 1 | 991.1 | 19.3 | 1.2 | 37.3 |
| 2 | 931.3 | 19.1 | 1.2 | 37.0 |
| 3 | 964.5 | 19.5 | 1.2 | 37.5 |
| AV | 968.9 | 19.3 | 1.2 | 37.3 |
| CV% | 3.38 | 1.04 | 0.00 | 0.68 |
| MAX/MIN F | 1 991.1 | 2 931.3 | | |
| MAX/MIN H | 3 19.5 | 2 19.1 | | |
| 2023/05/19 14:07 | | | | |

Standard Configuration

| No | Item | Quantity |
|----|---------------|----------|
| 1. | Main machine | 1 set |
| 2. | Thermal paper | 2 rolls |
| 3. | Diaphragm | 5 pcs |
| 4. | Spanner | 1 pc |

Optional Accessories

| No | Item |
|----|-----------|
| 1. | Diaphragm |

**Technical Data Subject to change without notice.*

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.

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- ✓ 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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