

Hydraulic Bursting Strength Tester Model: ADL-HBHT01



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
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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.



The query				
No	Strong	Highly	Volume	Time
3	986.5	19.5	1.2	37.5
AV	968.9	19.3	1.2	37.3
CV	3.38	1.04	0.00	0.68

At the bottom of the table, there are five icons: a red 'OFF' button, a green up arrow, a green down arrow, a green 'Print' button, and a yellow icon of a person running.

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Hydraulic Bursting Strength Tester

Model: ADL-HBHT01

- 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:	50%	
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	984.5	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.*

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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

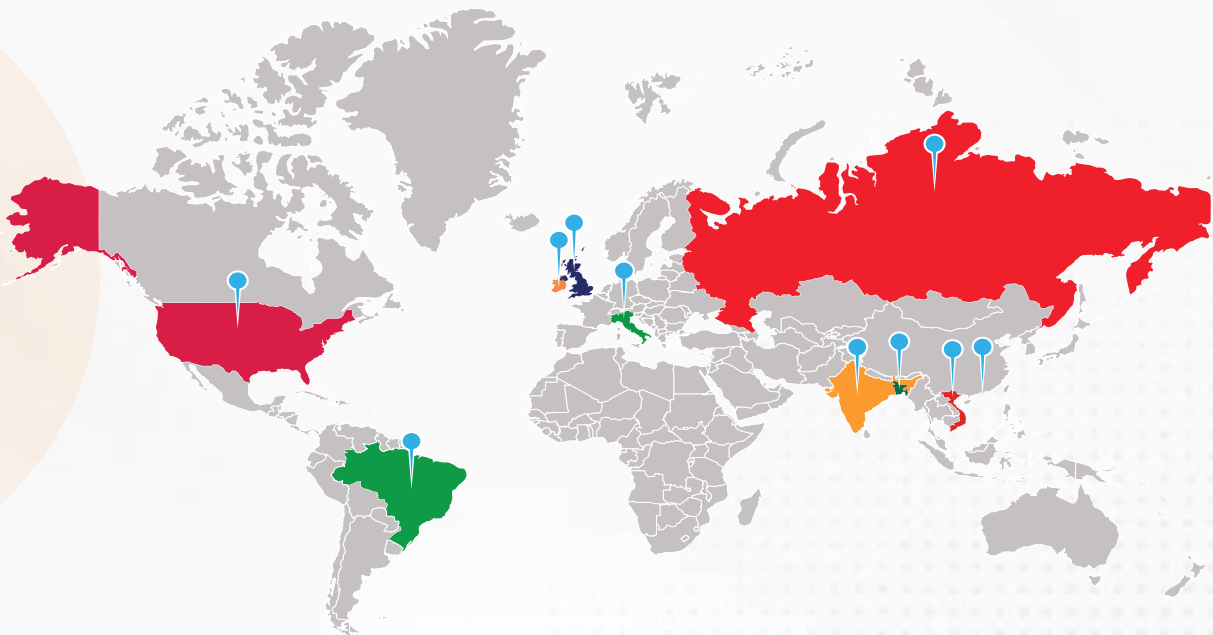
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers,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

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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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