



Hydraulic Bursting Strength Tester Model: ADL-BT02



Application

It is applied to determine the bursting strength and distension at burst of woven, knitted and non woven fabrics, papers and boards by the application of hydraulic load under a rubber diaphragm.

Feature

- This machine use hydraulic method, meet multinational standards and equipped with several changeable test clamp.
- The simple interface touching screen controller is easy and simple to handle.
- The machine is with protection transparent cover and LED light inside which will be easy to observe the specimen.
- The machine can induct the burst automatically which is much more sensitive and reliable.
- The AC servo drive system with low noise and wide range of applications.
- 4 Test Methods: Constant Rate Bursting, Constant Expansion, Constant Pressure and Constant Time Bursting.
- The tester bring saving and printing functions and support on-line operation.
- Provide on-line interfaces, professional detection software which can be used to analysis testing result.

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Sample Fixtures



PMMA Cover, avoid to be hurt. make it's safety. Upper press plate inner dia.: 10cm²
Lower device test area: 7.3cm²

Sample Cover



Inner dia.: 50cm², made of PMMA, LED lamp inside, Magnets in installation, convenient to be changed.

Printer



Print out the test result.

Air Pressure Adjustment Knob



To adjust air pressure.

Left-Side View



Left-side view of whole machine.

Right-Side View



Right-side view of whole machine.

Standards

ISO 13938.1, FZ/T 60019, FZ/T 01030, ASTM D3786, D751 BS 4768, WOOLMARK TM 29 WSP 30.1, JIS L 1018.6.17, SATRA TM170

Key Specification

Model	ADL-BT02	ADL-BT03
Range	2.00Mpa	10.000Mpa
The min. Division value	0.001Mpa	0.003Mpa



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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	100ml/min - 500ml/min
Accuracy	±1 mm, when the height at burst up to 70 mm
Testing units	Kpa, kgf/ cm ² , lb/in ² , bar 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 500W
Dimensions	550×450×700mm
Net weight	125kg

Accessories

Standard Accessories	Test set of 7.3cm ² (φ30.5mm)	1 set
	Test set of 50cm ² (φ79.8mm)	1 set
	Wrench	1 Pc
	Stainless steel calibration plate	1 Pc
	Rubber diaphragm	1 Pc
	English operation software	1 Pc
	Cable connect with PC	1 Pc
Optional Accessories	Other test set	
	Rubber diaphragm	
	Air compressor	

**Technical Data Subject to change without notice.*

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Our Products

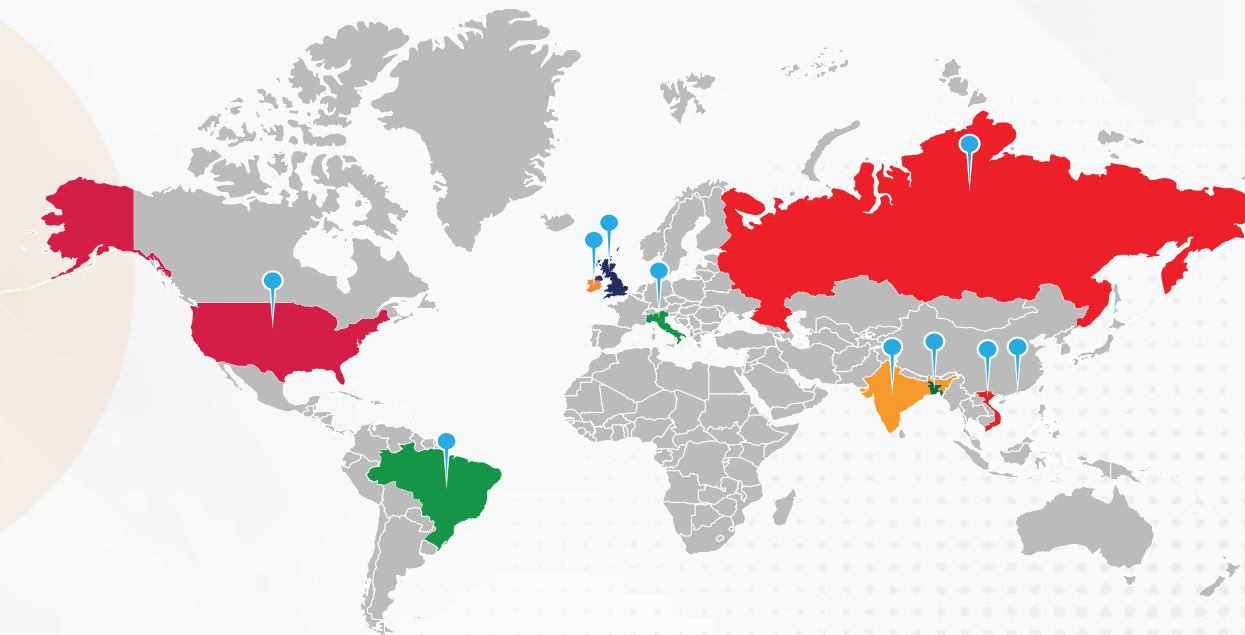
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