



Carton Burst Strength Testing Machine Model: ADL-BST01

Bursting Tester for Corrugated is manufactured according to the internationally universal Mullen principle. It is a basic instrument for testing the breaking strength of cardboard; simple operation, reliable performance, and advanced technology; it is a scientific research unit, paper manufacturer, packaging industry, and quality inspection department Indispensable ideal equipment.



Features

- The oil cylinder is driven by a stepping motor, the speed is stable, and the instrument can be used in a wide voltage range
- Pneumatic clamping system, one key test
- ARM processor, 24-bit ADC high-precision analog-to-digital converter, fast response speed, accurate measurement data
- Using 7-inch color touch screen, Chinese display, touch buttons, real-time display of pressure curve
- Sudden power failure data storage function, data before power failure after power-on is retained and testing can be continued.
- Over-range automatic reset
- Three units can be selected kPa, kgf/cm², Psi, can be switched at will
- Communication with computer software (purchase separately)

Supporting Accessories and Consumable

No	Accessory Name	Model	Picture	Standard
01	Diaphragm for Board			√
02	Dimethicone	201-50CS		√

Application Range

Corrugated cardboard, cartons, paper trays, aluminum foil, film, rubber, silk, cotton and other non-paper materials

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Executive Standard

GB/T 1539, QB/T 2679.8, GB/T 6545, ISO 2759

Technical Parameters

- | | |
|------------------------------|---|
| • Power Supply | - AC100V±10% or AC220V±10%,(50/60)Hz,150W |
| • Working Environment | - Temperature(10~35)°C, Humidity≤ 85% |
| • Measuring range | - 250~5600kPa |
| • Indication error | - ±0.5%(Range 5%~100%) |
| • Resolution | - 1kPa |
| • Refueling speed | - 170±15ml/min |
| • Air pressure adjustment | - 0.4MPa |
| • Hydraulic system tightness | - Upper limit of measurement,1min Pressure drop<10%Pmax |
| • Upper clamp ring aperture | - 31.5±0.05 mm |
| • Lower clamp ring aperture | - 31.5±0.05 mm |
| • Print | - Built-in thermal printer |
| • Communication Interface | - RS232(Default) (USB, WIFI optional) |
| • Dimension | - 470×315×520 mm |
| • Net Weight | - 56kg around |

**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.

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- ✓ 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.

Global Networks



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