



Hydraulic Bursting Strength Tester Model: ADL-HB01

Application

The machine is used to detect the burst strength and burst index of cardboard

Compliant Standard

GB/T454, QB/T 1057, ISO 2758

Key Specifications

- Measuring range - 150~5600kpa
- Accuracy - $\leq \pm 0.5\%$
- Resolution - 0.01kpa
- Deformation error - $\leq 1\text{mm}$
- Concentricity of upper and lower discs - $\leq 0.25\text{mm}$
- The pressure of the film convex plate - (250~350)kPa
- Oil delivery speed - $175 \pm 5\text{ml/min}$
- Pressure outer diameter - $35\text{mm} \pm 1\text{mm}$
- Work displacement - $53\text{mm} \pm 2\text{mm}$
- Platen diameter - Upper plate diameter: $(31.5 \pm 0.5)\text{mm}$; Lower plate diameter: $(31.5 \pm 0.5)\text{mm}$
- Oil cup system - high-strength and high-pressure oil circuit sealing system, with double sealing knob, 25mm high-pressure 30 stainless steel oil pipet
- Calibration system - Self-contained calibration system, self-contained manual pressurization and decompression control system
- Human-machine interface - 7in touch screen display, easy to operate
- Clamping force - greater than 690kpa (adjustable)
- Dimensions - $400\text{mm} \times 400\text{mm} \times 500\text{mm}$
- Weight - 50KG



**Technical Data Subject to change without notice.*

AdLab Instruments Co., Ltd

 RM 602, 6/F, Kaiyue Comm Building, No.2C, Argyle Street, Mongkok Kowloon, Hong Kong

 20A Cuil Na Carriage, Ballymakeera, Co-Cork, Ireland (EU)

 info@adlabinstruments.com  www.adlabinstruments.com

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.

Global Networks



Bangladesh • Brazil • China • Hong Kong • India • Ireland • Italy • UK • USA • Vietnam

AdLab Instruments Co., Ltd

★ RM 602, 6/F, Kaiyue Comm Building, No.2C, Argyle Street, Mongkok Kowloon, Hong Kong

🇮🇪 20A Cuil Na Carriage, Ballymakeera, Co-Cork, Ireland (EU)

✉ info@adlabinstruments.com 🌐 www.adlabinstruments.com