

Instruments Use

Single Arm Drop Tester This machine is specially used to test the damage of product packaging by falling, and to evaluate the impact strength during transportation and handling process.

Meet the Standard

ISO2248 JISZ0202-87 GB/T4857.5-92

Instruments Features

Single-arm drop testing machine can be free drop test on the surface, Angle and edge of the package, equipped with digital height display instrument and the use of decoder for height tracking, so that the product drop height can be accurately given, and the preset drop height error is not more than 2% or 10MM. The machine adopts single-arm double-column structure, with electric reset, electronic control drop and electric lifting device, easy to use; The unique buffer device greatly improves the service life, stability and safety of the machine. Single arm setting for easy placement of products.

Main Technical Parameters

- Drop height mm: 300-1500 adjustable
- The maximum weight of the specimen kg: 0-80Kg
- Bottom plate thickness: 10mm (solid iron plate)
- The maximum size of the specimen mm: 800 x 800 x 1000(increased to 2500)

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



Single Arm Drop Tester Model: ADL-DT01

- Impact panel size mm: 1700 x 1200
- Drop height error: ± 10 mm
- Test bench dimensions mm: about 1700 x 1200 x 2315
- Net weight kg: about 300kg
- Test method: face, Angle and edge drop
- Control mode: electric
- Drop height error: 1%
- Panel parallel error: ≤ 1 degree
- The Angle error between the falling surface and the level in the falling process: ≤ 1 degree
- Power supply: 380V1, AC380V 50HZ
- Power: 1.85KWA

Environment Requirements

- Temperature: $5^{\circ}\text{C} \sim +28^{\circ}\text{C}[1]$ (average temperature within 24 hours $\leq 28^{\circ}\text{C}$)
- Relative humidity: $\leq 85\% \text{RH}$
- Power supply conditions Three-phase four-wire + PGND cable,
- Voltage range: AC (380 \pm 38) V



**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.

Our Products

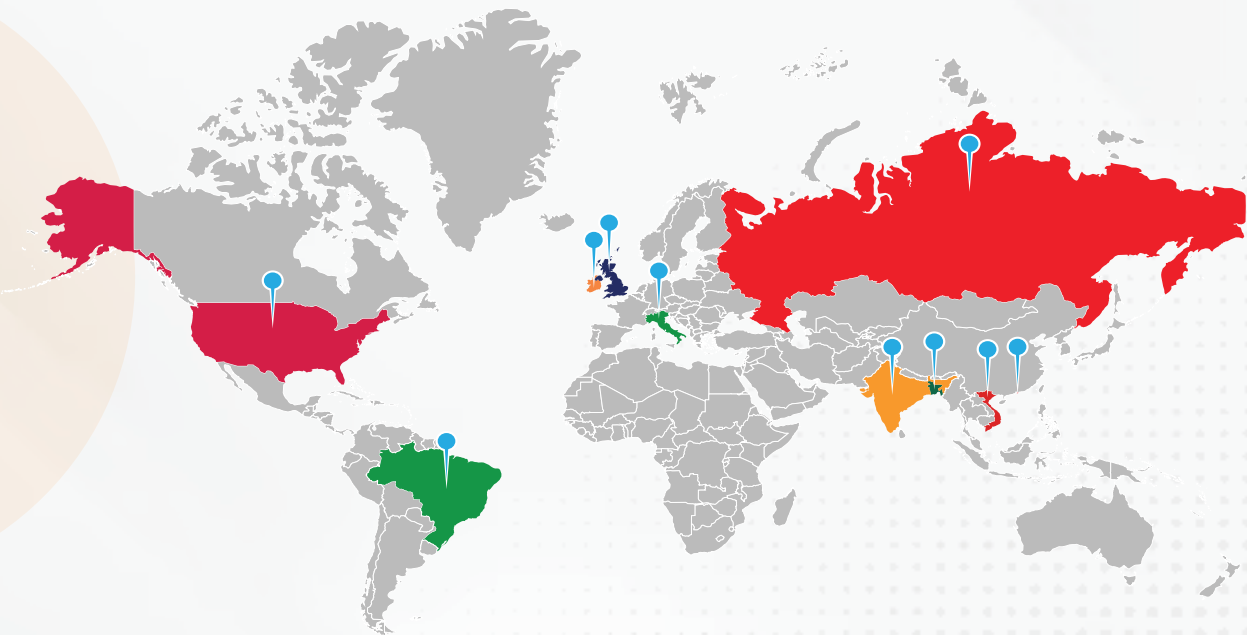
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers, 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