



## Drop Ball Impact Test Machine Model: ADL-DIP02

### Usage

The falling ball impact tester is an instrument for testing samples of plastics, building materials, ceramics, coatings, acrylic, fiberglass, etc. It uses a steel ball of a specified weight to adjust at a certain height, allowing it to fall freely, and then hits the sample with an instantaneous impact force. The quality is determined by the degree of damage, and the impact energy required to destroy the material is obtained. At the same time, the instrument can also be used to conduct comparative tests on samples of the same material and the same specifications to identify the quality of the material, which can meet the JIS-K6745 and A5430 standards .

### Features

This machine adopts DC electromagnetic control. When a steel ball is placed under the electromagnetic suction cup, it will be automatically sucked up. When the drop button is pressed, the suction cup will instantly release the steel ball. The steel ball will perform a free fall test and impact the surface of the test piece. The drop height can be adjusted up and down, and a height scale is attached to know the drop height of the part.

### Main Technical Parameters

- Maximum impact height : 1.5m or specified
- Drop height scale : minimum indication 1mm
- Steel ball specifications : 112g, 198g, 225g, 357g, 533g
- Machine size : 400x450x1650mm (WxDxH)
- Machine weight : 50kg Appx.
- Power supply : 1  $\phi$  , 220V, 5A or specified

*\*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