



**Powerful Anti-Interference Needle Detector
Model: AdLab-805**



Introduction

AdLab-805 powerful anti-interference needle detector is designed with digital circuit imported from Japan. It is suitable for customers with extremely high detection requirements and special requirements for anti-interference of needle detector. This machine has strong anti-interference, high sensitivity and performance Very stable.

Model number		AdLab-805							
Detection tunnel width (mm)		600 mm (Or customized)							
Detection tunnel height (mm)		100	120	150	200	250	300	350	400
Empty machine detection sensitivity	Fe(Φ mm)	≥ 0.8	≥ 1.0	≥ 1.2	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.5	≥ 3.5
Alarm method		Sound and light alarm, auto turn back.							

Features

- Installed imported anti-jamming device, high sensitivity, conventional 10-15 cm detection height detection diameter of 0.8-1.2 mm iron ball, nine-point test does not miss the detection, and has super anti-interference;
- The structure is light and easy to move
- There are many specifications of the height of the inspection window, which can be selected by customers according to their needs.

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

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- Fast conveying speed, suitable for assembly line operation
- Can be equipped with assembly line or automatic control device
- Environmental protection function, the machine will shut down by itself after ten minutes without any objects
- It has the function of automatically retreating when bad products are detected.
- High sensitivity, high anti-interference metal aluminum alloy shell paint, more durable,
- Digital data processing (DSP) is adopted from data acquisition to motor control, which is highly intelligent;
- With manual and automatic control function selection, the operation is more convenient and flexible.
- Can accurately count the total number of qualified defective products.

Product Usage

- Detect broken needles and ferromagnetic fragments (clothing toys) in sewing products.
- Detection of ferromagnetic impurities contained in food and medicine.
- Detection of ferromagnetic substances mixed in chemical raw materials, rubber, and paper industry.
- Detection of ferrous fragments (hardware accessories) contained in non-ferrous materials such as copper, aluminum, and stainless steel.

Parameter

- Type: AdLab-805 super anti-interference high sensitivity needle detector
- Detection method: magnetic field induction, digital circuit processing
- Detection sensitivity: Fe Φ 0.8mm-2.5mm
- Induction adjustment: 1-10 level adjustable
- Detection width: 600mm or customized
- Detection height: 120mm or customized
- Alarm method: sound and light alarm, the conveyor belt automatically retreats, and the eight-point detection position is displayed
- Electricity source: Ac220V 50-60Hz
- Power Rate: 60W
- Body size: about 1600 long \times 1050 wide \times 900 high (mm)
- Net weight: about 200KG



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**Technical Data Subject to change without notice.*

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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

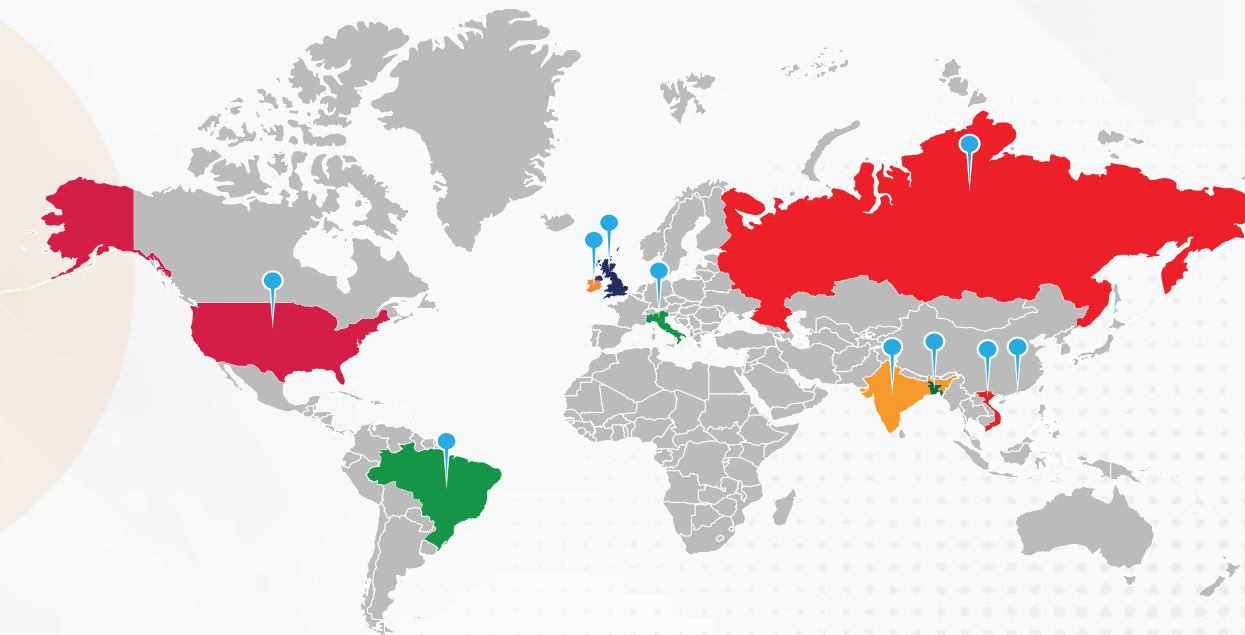
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers, Needle Detectors, and In-House Testing Equipment. Designed for precision and efficiency, our products ensure accurate testing and reliable performance across various industries.

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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.

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