



Laboratory Conditioning Chambers Model: ADL-LHC150S



Application

It is a standing equipment for scientific research and universities such as environmental protection, sanitation and epidemic prevention, drug inspection, agriculture and livestock, aquatic products, etc. it is also widely used in bioengineering, water analysis, industrial product performance test and other fields.

Structure Features

- Balanced refrigeration makes the temperature fluctuation small, integrates automatic defrosting and multi-layer safety protection to meet the needs of long-term operation. It is equipped with internationally famous brand compressors with delay protection function and operates smoothly
- Green environmental protection concept, using fluorine-free R134 refrigerant to make the system more energy-saving and efficient, and make the environment healthier
- Reasonable air duct circulation system to ensure uniform temperature of working room
- mirror stainless steel interior, and the shelf spacing and the number of shelves can be adjusted. The internal socket is equipped as standard
- upgraded LCD screen and programmable microcomputer intelligent PID control technology to keep the temperature and humidity accurate and constant. Touch type parameter setting button, with timing and over temperature alarm functions.
- The humidification component adopts a built-in large capacity intelligent humidification system with an automatic water replenishment tank, which is convenient for use.
- double door design, light device inside. (for humidity chamber)
- UV lamp function makes the working chamber sterile (for MJ series)

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Laboratory Conditioning Chambers Model: ADL-LHC150S

Model	Temp range (°C)	Accuracy (°C)	Timing range	Fluctuation (%)	Voltage (V)	Power (KW)	Inner size (mm) (H×W×D)	Overall dimension (mm) (H×W×D)	Packing size (mm) (H×W×D)	Net weight (KG)	Shipping weight (KG)
ADL-LHC100S	10~90°C	±0.5	0~999 min	±1	220	0.4	580×450×380/100L	1100×590×620	1220×670×700	100	120
ADL-LHC150S						0.6	800×500×380/150L	1350×640×660	1470×720×740	110	140
ADL-LHC250S						0.8	1000×550×450/250L	1550×690×660	1670×770×740	140	165

Parameter Setting

Model	Temperature	Humidity
ADL-LHC100S	21°C ±1 (For lab sample conditioning)	20% ~ 98% ±2 (For lab sample conditioning)
ADL-LHC150S		
ADL-LHC250S		

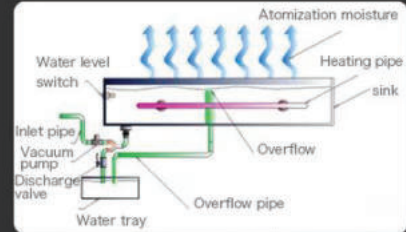
Optional accessories:

1. portable printer
2. RS232 port
3. test hole
4. Lamp D65



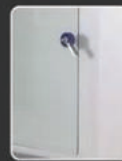


**Laboratory Conditioning Chambers
Model: ADL-LHC150S**



Built-in large capacity humidification system

The built-in large-capacity humidification system automatically fills the water to ensure stable fluctuations.



Tempered glass door

Built-in toughened glass door, clear observation of window items



Upgraded LCD display

Programmable microcomputer technology with timing over-temperature alarm



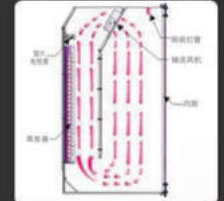
Fluorine-free balanced refrigeration system

Fluorine-free refrigeration, energy-efficient, with inlet and outlet




Lighting device

Hood lighting device for easy observation



Air circulation system

Air circulation system ensures temperature and humidity stability in the working room.



Printer

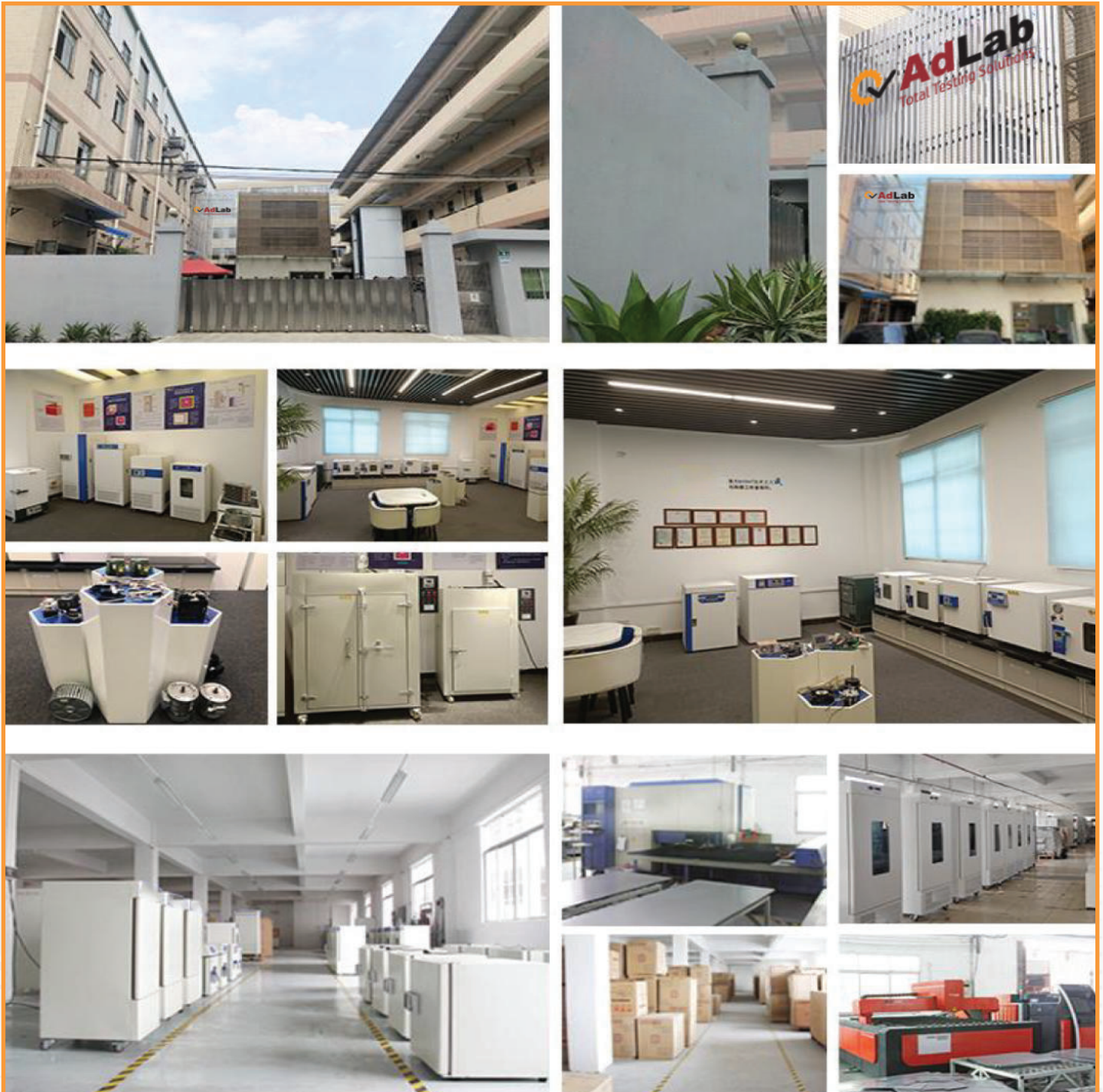


Communication Software



Test hole

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**Technical Data Subject to change without notice.*

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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

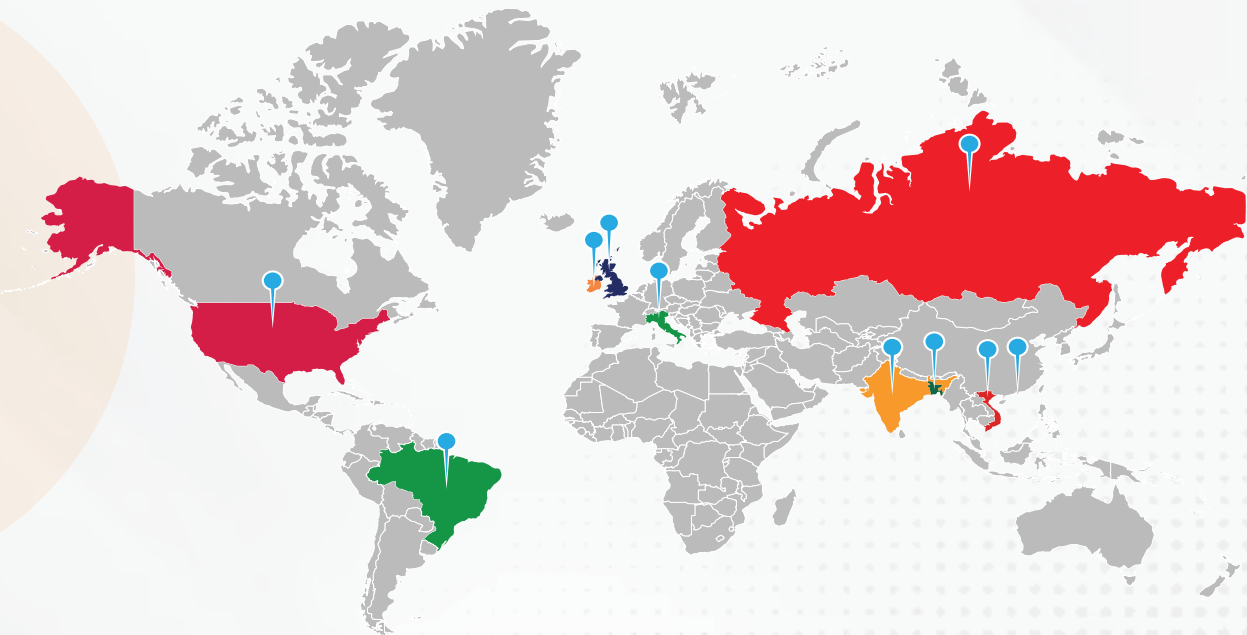
AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers,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