



**BIOBASE®**



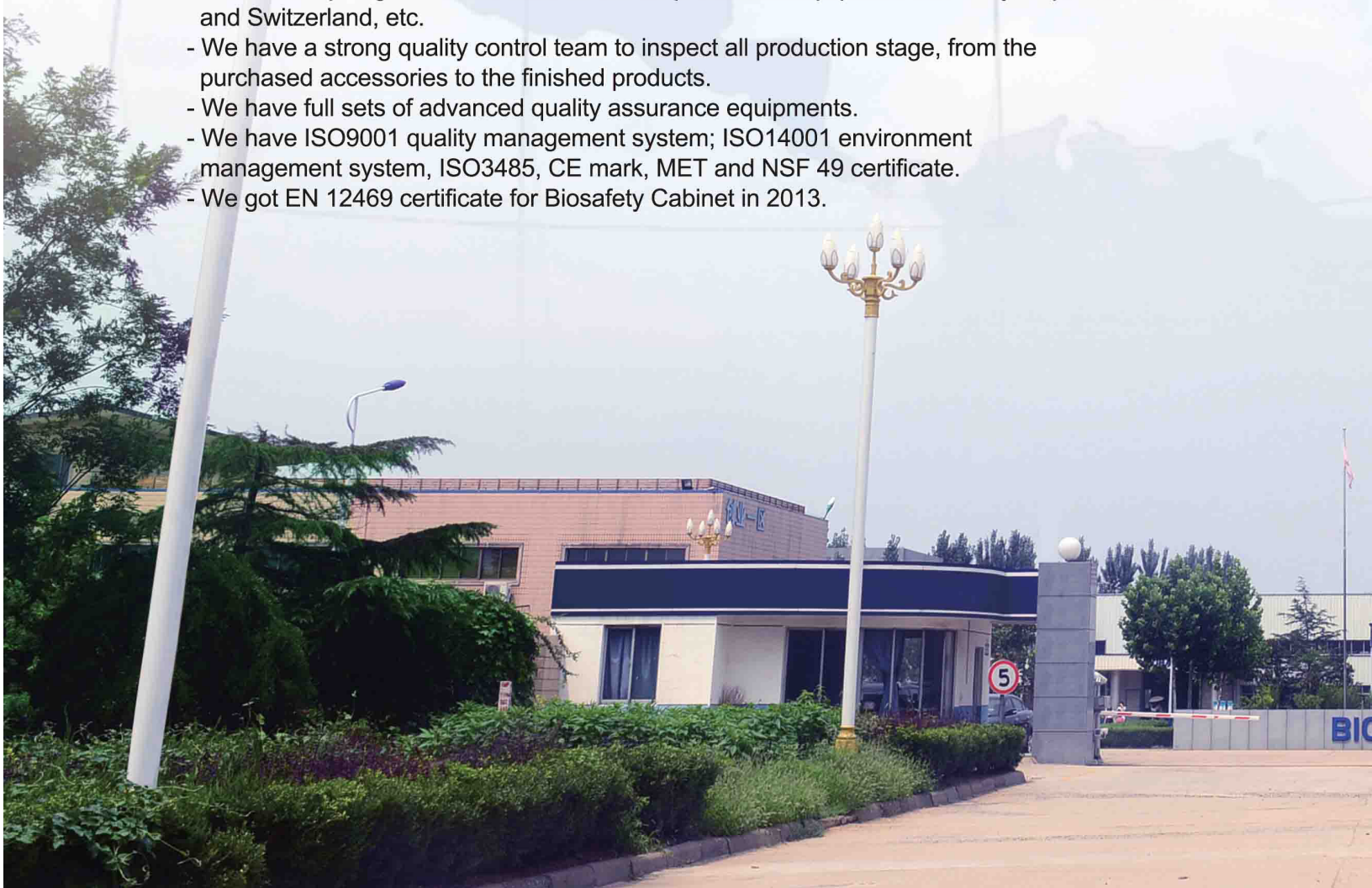
**BIOBASE<sup>®</sup>**

# ***INTRODUCTION***

BIOBASE Group is a professional manufacturer of laboratory products since 1999. Our main products are Biosafety Cabinet (Class I / II / III), Laminar Flow Cabinet, Fume Hood, Biochemistry Analyzer, Reagent, Autoclave and Incubator. We have more than 2000 employees and 20000 square meters production base. Our output per year reaches 10000 units. Pursuing the highest quality is the tenet of BIOBASE. We hope everybody will enjoy BIOBASE service to keep away from the infectious disease.

Our advantages:

- We built an excellent research team which consists of 50 professional engineers.
- We have 20 years production experience and a strong technical production team. And we adopt high-tech and state-of-the-art production equipment from Italy, Japan, and Switzerland, etc.
- We have a strong quality control team to inspect all production stage, from the purchased accessories to the finished products.
- We have full sets of advanced quality assurance equipments.
- We have ISO9001 quality management system; ISO14001 environment management system, ISO3485, CE mark, MET and NSF 49 certificate.
- We got EN 12469 certificate for Biosafety Cabinet in 2013.



# *Laminar Flow Cabinet*

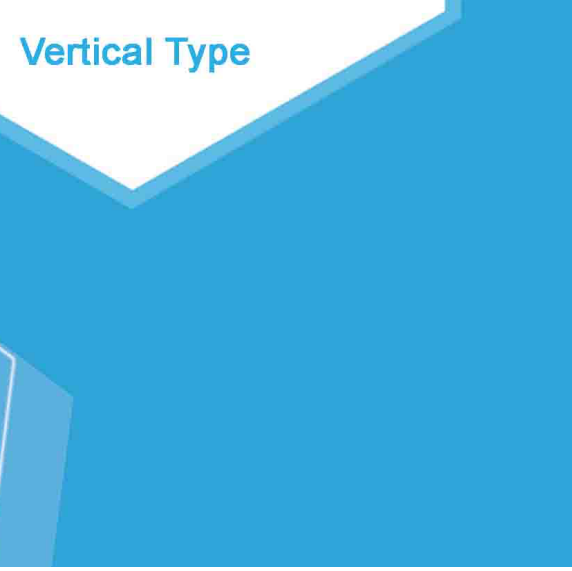
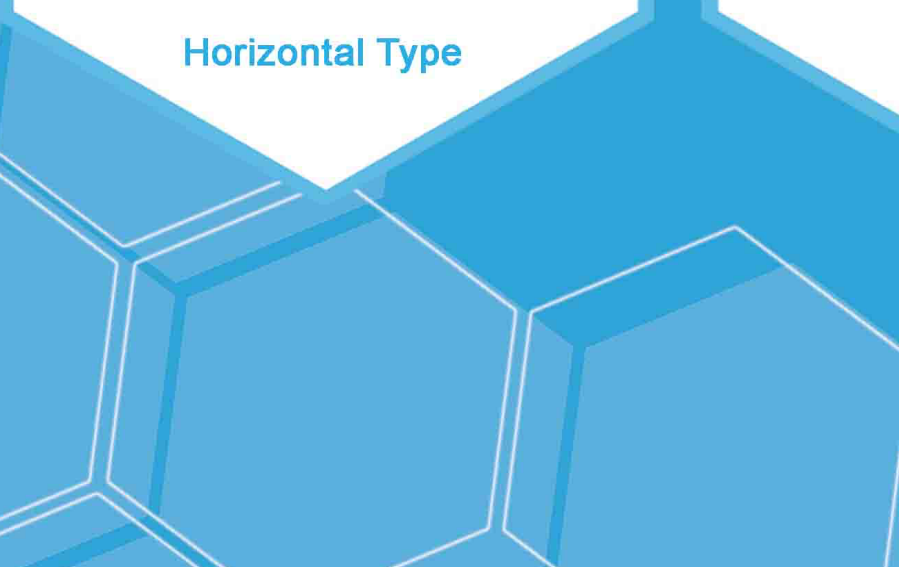
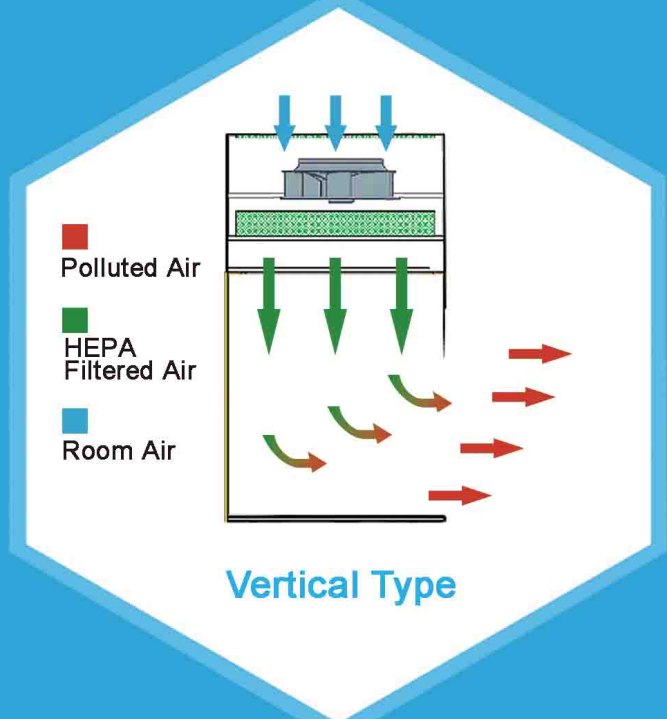
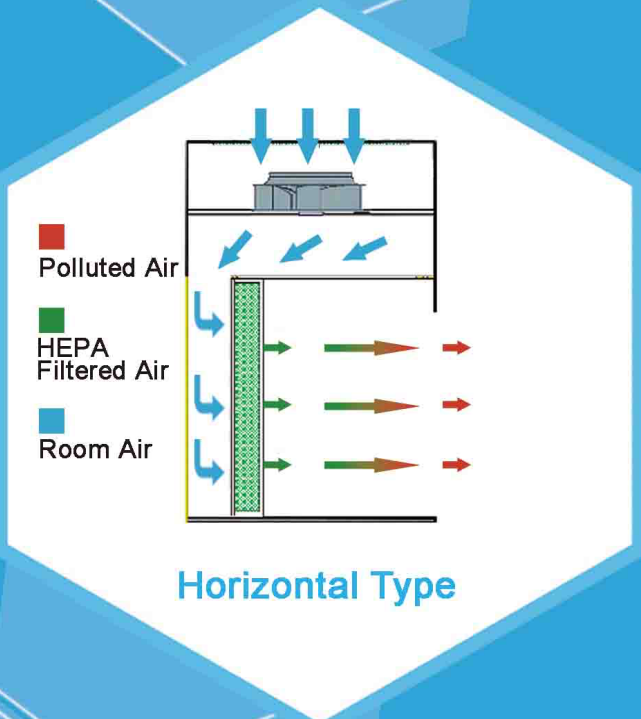
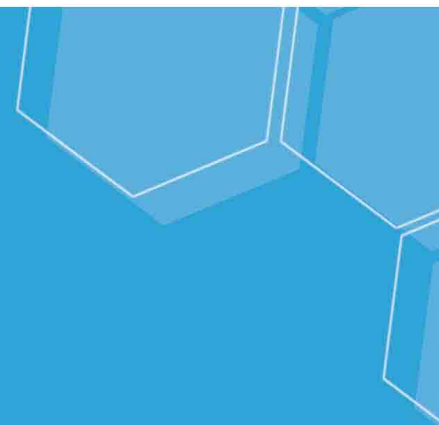
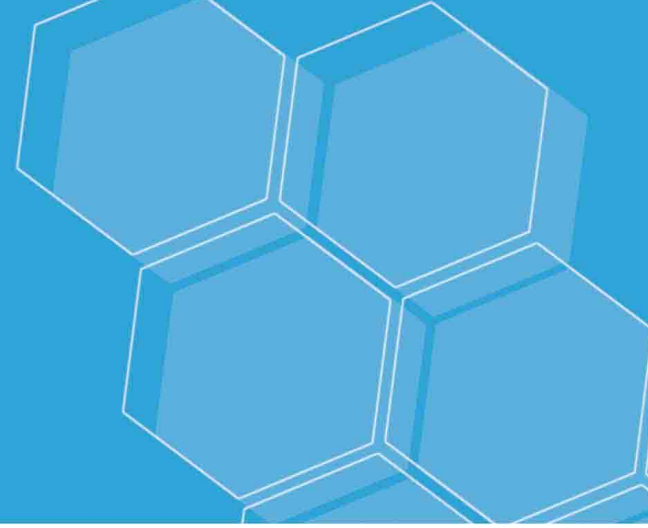
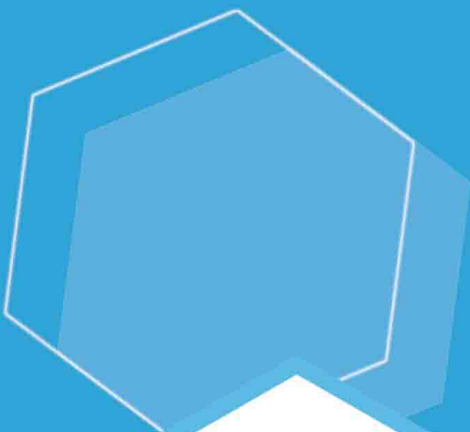
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Laminar Flow Cabinet - sample protection only

Laminar Flow Cabinet is a work bench or similar enclosure, which creates a particles-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

Laminar flow cabinet is widely used in medical research laboratories, hospital, manufacturing facilities and other research and production environments.





# Laminar Flow Cabinet



**LED Display**  
Digital LED Display:  
Airflow Level



**UV Lamp**



**Base Stand**



**Waterproof Socket**

## ADVANTAGE

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.
4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The working area adopts four sides (left and right sides, rear, bottom) positive pressure surround design, effectively protect product safety.
6. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
7. The side windows are made of 5mm thick toughened glass to enhance the lighting permeability of the operation area.
8. The hidden weight structure, manual front window, realizing freely adjusting the opening height of the front window.
9. The base bracket and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled.
10. 7-inch color touch screen, real-time display of running status (air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
11. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.
12. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.
13. Perfect alarm system:
  - (1) The front window is not set height alarm: the front window is set height of 200mm, when the front window is not in the height position and the bottom position, sound alarm will be issued.
  - (2) Ultra-high filter pressure alarm: when the filter resistance increases, sound alarm will be issued.
  - (3) Filter failure replacement alarm: when the filter service life expires, there will be a filter replacement sound alarm.
14. Safety interlock protection:
  - (1) Fan and front window interlock: when the front window door falls to the bottom, the fan will automatically close.
  - (2) The ultraviolet lamp, the front window and the lamp interlock: the front window door falls to the bottom and the lamp is not opened, the ultraviolet lamp can be opened to avoid the misoperation of the ultraviolet lamp causing harm to the human body.

## TECHNICAL PARAMETERS

Model	BKCB-V1100	BKCB-V1300	BKCB-V1500
Flow Mode	Vertical Flow		
Number of Users	Single	1~2	
Rated Power	700VA (including operating area socket load 500VA)		850VA (including operating area socket load 500VA)
Airflow Velocity	0.2 m/s~0.45 m/s		
Noise	≤65dB (A)		
Lighting	≥300lx		
Vibration	≤5μm(rms)		
Safety	Colonies Number ≤ 0.5CFU/30min		
Clean Grade	ISO Level 5 (100 levels)		
Filtration Efficiency	HEPA (H14) high efficiency filter, filtration efficiency for 0.3μm particle≥99.995%		
Front Window Safety Height	200mm		
Max Opening	350mm		
Work Surface Height	750mm(Customized)		
Standard Accessory	LED lamp*2, UV lamp*2, Base stand, Waterproof socket*2		
Optional Accessory	Armrest*2		
Net Weight	190kg	225kg	235kg
Gross Weight	248kg	289kg	308kg
External Size(W*D*H)	1100*630*1860mm	1300*630*1860mm	1500*630*1860mm
Internal Size(W*D*H)	1000*610*650mm	1200*610*650mm	1400*610*650mm
Package Size(W*D*H)	1250*840*1420mm	1450*840*1420mm	1650*840*1420mm



REGISTRATION NO. 04722Q10272R2M

## CERTIFICATE OF QUALITY MANAGEMENT SYSTEM

This is to certify that the quality management system of

**Jinan Biobase Biotech Co., Ltd.**

**Registered Address: OLABO Intelligent Manufacturing Industrial Park, Ancheng Town, Pingyin County, Jinan City, Shandong**

**Manufacturing Address: North Side of Jiwang Road, Mingshui Economic Development District, Zhangqiu, Jinan City; OLABO Intelligent Manufacturing Industrial Park, Ancheng Town, Pingyin County, Jinan City, Shandong; Workshop No.7, Medical Device Industrial Park, Juancheng County, Heze City, Shandong Province**

**Has been assessed and conformed to the following standard(s)  
GB/T 19001-2016 idt ISO 9001:2015**

**The certificate is valid for the following scope:**

**The design, development, production and service of Biological Safety Cabinet; Class I Biosafety Cabinet; CO<sub>2</sub> Incubator; Low Temperature Freezer; Medical Refrigerator; Laminar Flow Cabinet; Biological Isolation Chamber; Fume Hood; PCR Cabinet; Dispensing Booth.**

**Date of issue: July 22, 2022**

**Date of expiry: July 21, 2025**

**Date of change: October 20, 2022**

**General Manager:**

**BEIJING HUA GUANG CERTIFICATION  
OF MEDICAL DEVICES CO., LTD.**



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C047-M

Note: This certificate will not be continuously valid until the organization has been approved in the annual surveillance audit. The certificate information are available on the website of the certification and accreditation administration of the People's Republic of China (<http://www.cnca.gov.cn>) or the website of CMD (<http://www.cmdc.com.cn>). Address: 5<sup>th</sup> floor of Zhong Lian building, No. jia88, An Ding Men Wai street, Dongcheng district, Beijing, 100011, P.R. China Telephone: 010-62351993



Registration No. 04722E10003R0M

## CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM

This is to certify that:

**Jinan Biobase Biotech Co., Ltd.**

Registered address: **OLABO Intelligent Manufacturing Industrial Park, Ancheng Town, Pingyin County, Jinan City, Shandong**

Manufacturing address: **North Side of Jiwang Road, Mingshui Economic Development District, Zhangqiu, Jinan City; OLABO Intelligent Manufacturing Industrial Park, Ancheng Town, Pingyin County, Jinan City, Shandong**

Operates an Environmental Management System which complies with the requirements of:

**GB/T 24001-2016 idt ISO 14001:2015**

For the following scope:

**Environmental management activities of design, development, manufacture, distribution and service of Biological Safety Cabinet, Laminar Flow Cabinet, Biological Isolation Chamber, Air Purifier, Fume Hood, PCR Cabinet, Dispensing Booth.**

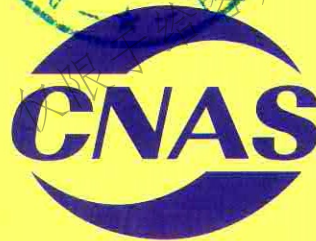
Date of issue: **June 14, 2022**

Date of expiry: **June 13, 2025**

Date of change: **June 04, 2023**

General manager:

**BEIJING HUA GUANG CERTIFICATION  
OF MEDICAL DEVICES CO., LTD.**



中国认可  
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REGISTRATION NO. 04722Q10000272

## CERTIFICATE OF QUALITY MANAGEMENT SYSTEM FOR MEDICAL DEVICES

This is to certify that the quality management system of

**Jinan Biobase Biotech Co., Ltd.**

**Registered Address: OLABO Intelligent Manufacturing Industrial Park, Ancheng Town, Pingyin County, Jinan City, Shandong**

**Manufacturing Address: North Side of Jiwang Road, Mingshui Economic Development District, Zhangqiu, Jinan City; OLABO Intelligent Manufacturing Industrial Park, Ancheng Town, Pingyin County, Jinan City, Shandong; Workshop No.7, Medical Device Industrial Park, Juancheng County, Heze City, Shandong Province**

**Has been assessed and conformed to the following standard(s)  
YY/T 0287-2017 idt ISO 13485:2016**

**The certificate is valid for the following scope:**

**The design, development, production and service of Biological Safety Cabinet; Class I Biosafety Cabinet; CO<sub>2</sub> Incubator; Low Temperature Freezer; Medical Refrigerator; Laminar Flow Cabinet; Biological Isolation Chamber; Fume Hood; PCR Cabinet; Dispensing Booth.**

**Date of issue: July 22, 2022**

**Date of expiry: July 21, 2025**

**Date of change: October 20, 2022**

**General Manager:**

**BEIJING HUAGUANG CERTIFICATION  
OF MEDICAL DEVICES CO., LTD.**



# BIOBASE®

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