



BIOBASE®



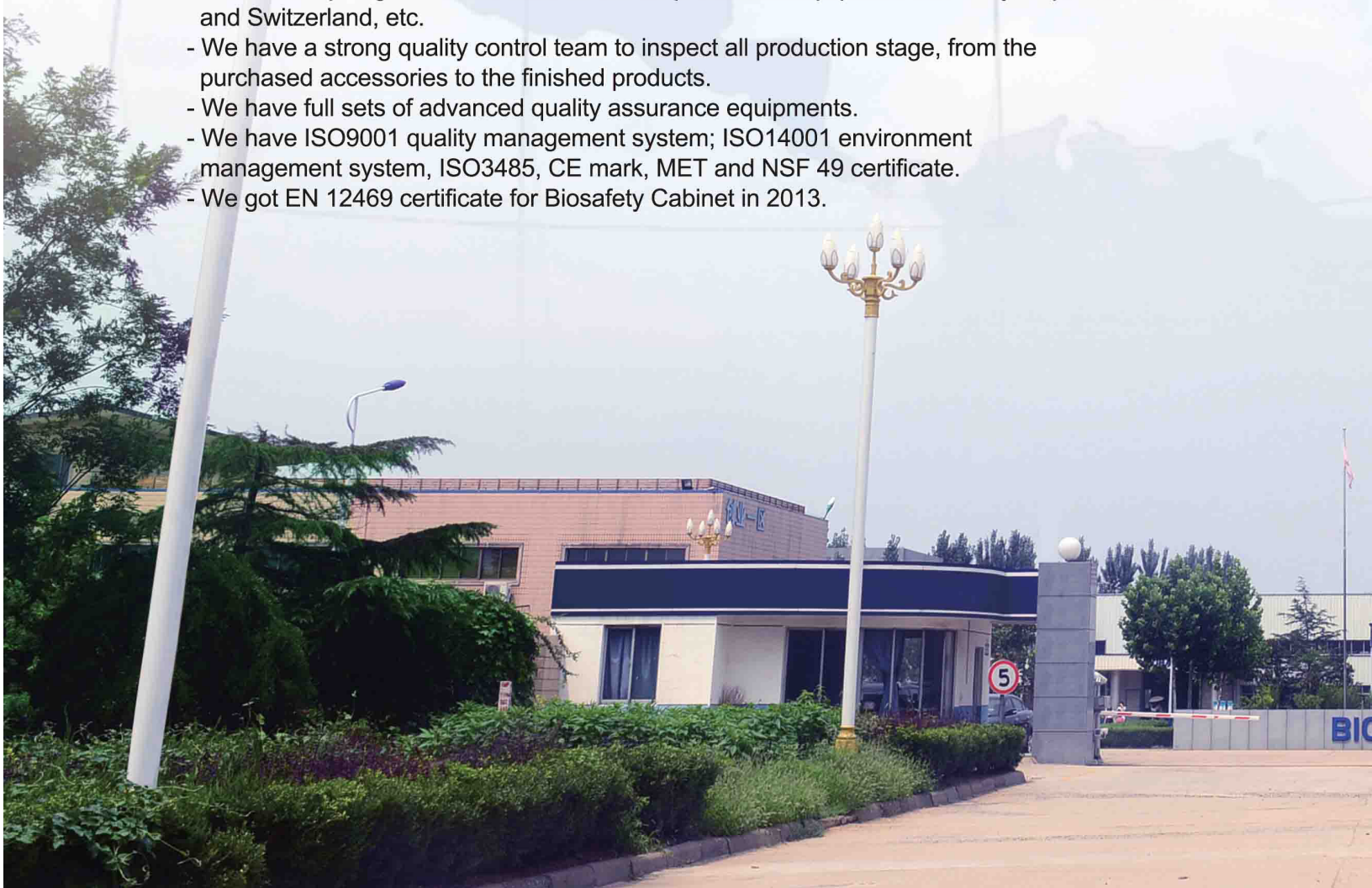
BIOBASE[®]

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.

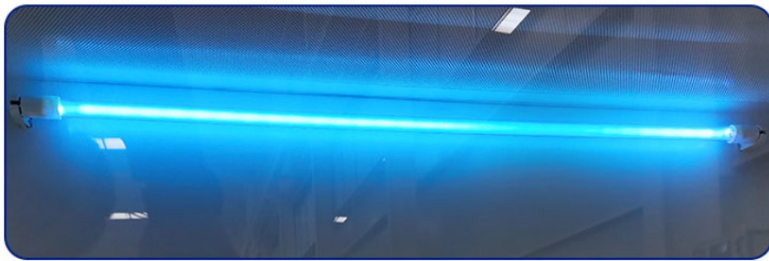
Our advantages:

- 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



UV Lamp



Footmaster Caster



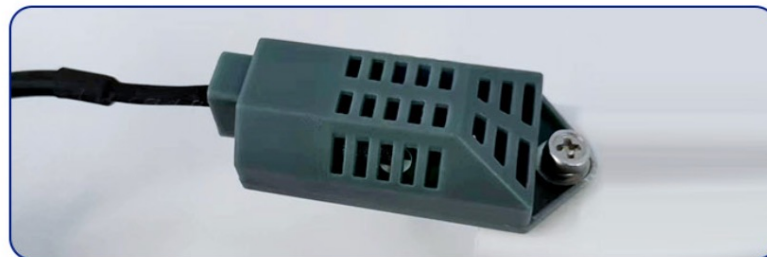
Base Stand



LED Display



Waterproof Socket



Temperature and Humidity Sensor

Características:

1. El gabinete está diseñado con un ángulo de inclinación de 10°, la perspectiva de operación es amplia y más humanizada.
2. Hecho de material de placa de acero laminado en frío de alta calidad, estructura de soldadura, pulverización electrostática de superficie, lo que mejora la estabilidad del gabinete.
3. Equipado con un filtro de efecto inicial, que puede filtrar preliminarmente partículas grandes, mejorando así la vida útil del filtro de alta eficiencia.
4. La superficie de trabajo está hecha de material de acero inoxidable 304 de alta calidad, resistente a la corrosión.
5. La ventana frontal adopta vidrio templado de 5 mm de espesor para proteger mejor la seguridad del personal y los experimentos.
6. El soporte de la base y las ruedas tienen un diseño integrado, que se puede mover de forma segura a través de las ruedas y también se puede fijar y nivelar.
7. Pantalla táctil a color de 7,7 pulgadas, visualización en tiempo real del estado de funcionamiento (dirección del flujo de aire, velocidad del aire, tiempo de funcionamiento de la máquina, tiempo de funcionamiento de la lámpara UV, tiempo de funcionamiento del filtro de alta eficiencia, resistencia de funcionamiento del filtro de alta eficiencia, temperatura y humedad del área de funcionamiento, visualización del reloj) de un vistazo.
8. Con la función de programación de temporizador, puede configurar automáticamente la hora de inicio y apagado del gabinete de flujo laminar y el tiempo de desinfección de la lámpara ultravioleta.
9. Con una función clave de desinfección, conveniente y rápida, que ahorra en gran medida el tiempo de trabajo y mejora la eficiencia del trabajo.
10. Sistema de alarma perfecto:
 - (1) Alarma de presión de filtro ultra alta: cuando aumenta la resistencia del filtro, se emitirá una alarma sonora.
 - (2) Alarma de reemplazo de falla del filtro: cuando expire la vida útil del filtro, sonará una alarma sonora de reemplazo del filtro.

Parámetros técnicos

Modelos	BKCB-H1500	BKCB-H1800
Modo del flujo	Flujo horizontal	
Número de usuarios	1~2	1~3
Potencia nominal	1000 VA (incluida la carga del enchufe en el área de operación 500VA)	2000 VA (incluida la carga del enchufe en el área de operación 500VA)
Velocidad de flujo de aire	0.2m/s~0.45m/s	
Ruido	≤65dB (A)	
Iluminación	≥300lx	
Vibración	≤5μm(rms)	
Seguridad	Número de colonias ≤ 0.5CFU/30 minutos	
Grado limpieza	ISO Nivel 5 (100 niveles)	
Eficiencia filtración	HEPA (H14) filtro de alta eficiencia, eficiencia de filtración para partículas 0.3 μm ≥99.995%	
Altura de la superficie de trabajo	750mm (personalizada)	
Accesorios estándar	Dos lámparas LED, Dos lámparas UV, Base, Dos tomacorrientes a prueba de agua, Sensor de humedad y temperatura	
Accesorios opcionales	Dos reposabrazos.	
Dimensiones internas (Ancho*Fondo*Alto) mm	1400*500*600	1700*500*730
Dimensiones externas (Ancho*Fondo*Alto) mm	1500*800*1730	1800*800*1930
Dimensiones paquete (Ancho*Fondo*Alto) mm	730*860*1080	2060*1010*1500
Peso bruto (kg)	299	355
Peso neto (kg)	220	260



CERTIFICATE


ATTESTATION CERTIFICATE OF ELECTROMAGNETIC COMPATIBILITY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2014/30/EU Electromagnetic Compatibility Directive and
2014/35/EU Low Voltage Directives have been taken as references for these processes

Company Name	: Jinan Biobase Biotech Co., Ltd.
Company Address	: No.51, South Gongye Road, Jinan, Shandong Province, China
Related Directives and Annex	: 2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive
Related Standards	: EN 61010-1:2010, EN 61326-1:2013
Product Name	: Laminar Flow Cabinet
Report No and Date	: OUCE-SH-163282-03-LVD/EMC
Product Brand/Model/Type	: BBS-V500, BBS-V680, BBS-V800, BBS-V1100, BBS-V1300, BBS-V1500, BBS-V1800, BBS-H1800, BBS-H1500, BBS-H1300, BBS-H1100, BBS-DDC, BBS-SDC, BBS-DSC, BBS-SSC

Certificate Number	: M.2016.201.Y2307
Initial Assessment Date	: 07.12.2016
Registration Date	: 08.12.2016
Reissue Date/No	: -


UDEM International Certification
Auditing Training Centre Industry
and Trade Co. Ltd.

The validity of the certificate can be checked through www.udemtd.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd, to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be notified in case of any changes on the product(s)

Address: Mullukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY
Phone: +90 0312 443 03 90 **Fax:** +90 0312 443 03 76
E-mail: info@udemtd.com.tr www.udemtd.com.tr





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.

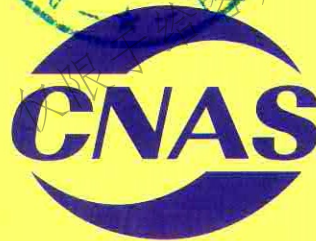
Date of issue: **June 14, 2022**

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
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 is 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: 5th floor of Zhong Lian building, No. jia88, An Ding Men Wai street, Dongcheng district, Beijing, 100011, P.R. China Telephone: 010-62351993



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; CO₂ 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
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管理体系
MANAGEMENT SYSTEM
CNAS C047-M

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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; CO₂ 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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