



BIOBASE®

Version 2021-1

About Us

Founded in 1999, having over 2000 employees (till August, 2018), BIOBASE Group is a new high-tech enterprise focusing on development, production and management of scientific equipment, In Vitro Diagnosis (IVD) instrument and reagent.

BIOBASE Group is specialized in products of 8 areas including medical diagnosis, biosafety protection, disinfection and sterilization solution, water purification system, infant care products, cold chain products, software products, clean room project.

We have full production line for table top steam sterilizer, vertical pressure steam sterilizer, portable pressure steam sterilizer, horizontal pressure steam sterilizer, hot air sterilizer, gas sterilizer, glass bead sterilizer, infrared sterilizer and automatic glassware washer. And every year we have many new products that come into the market.

BIOBASE Group has certificates including ISO9001, ISO13485, ISO14001, SGS, CE, etc for various products.

BIOBASE has set up branch offices in 24 provinces in China, and has also set up warehouses in the United States, India, UAE and Jordan. We now have long-term business partners in more than 130 countries.

BIOBASE Group always adheres to the mission of "service for health for the future" and promotes company's culture vigorously. Providing with high quality products and good service, BIOBASE would like to establish win-win business cooperation with distributors all over the world.



ISO9001



ISO13485



ISO14001



CE



UV/VIS Spectrophotometer

Basic Functions:

Model	Optical System	Wavelength Range	Bandwidth	Photo-metry	QTY	MULT	KINS	Scanning	Bio
BK-V1000	Single Beam	325-1020nm	4nm	•					
BK-UV1000	Single Beam	200-1020nm	4nm	•					
BK-V1200	Single Beam	325-1020nm	4nm	•	•				
BK-UV1200	Single Beam	200-1020nm	4nm	•	•				
BK-V1600	Single Beam	320-1100nm	4nm	•	•	•	•		
BK-UV1600	Single Beam	190-1100nm	4nm	•	•	•	•		
BK-V1800	Single Beam	320-1100nm	2nm	•	•	•	•		
BK-UV1800	Single Beam	190-1100nm	2nm	•	•	•	•		
BK-V1900	Single Beam	190-1100nm	2nm	•	•	•	•	•	•
BK-UV1900	Single Beam	190-1100nm	2nm	•	•	•	•	•	•
BK-S360	Single Beam	190-1100nm	1.8nm	•	•	•	•	•	•
BK-S380	Single Beam	190-1100nm	1nm	•	•	•	•	•	•
BK-S390	Single Beam	190-1100nm	0.5, 1, 2, 4,5nm	•	•	•	•	•	•
BK-D560	Double Beam	190-1100nm	1.8nm	•	•	•	•	•	•
BK-D580	Double Beam	190-1100nm	1nm	•	•	•	•	•	•
BK-D590	Double Beam	190-1100nm	0.5, 1, 2,4, 5nm	•	•	•	•	•	•

UV/VIS Spectrophotometer

Features:

- * Large LCD screen (128*64 Dots).
- * Pre-aligned design ensures the user can change lamps conveniently.
- * With SiO₂ coating optical mirror, reducing the pollution from outside fully.
- * Environmental Deuterium lamp, preventing from Ozone inhalation.
- * High-class grating, wholly hermetic light path design, ensures the super low stray light.
- * Real-time monitoring the lifetime of Deuterium lamp and Tungsten lamp with advanced system.
- * Wavelength calibration, wavelength setting, change lamp source and dark current calibration automatically.
- * Optional PC Software to expand the applications to Quantitative, Multi-Wavelength and Kinetics.
- * Widely used for Organic chemistry, Inorganic chemistry, Life sciences, food, Medicine and health, Agriculture, Geology, Metallurgy and Environment etc. fields.



BK-UV/V1000



BK-UV/V1200

Basic Functions:

* Photometry

Test Abs, Transmittance by fixed wavelength.

* Quantitative

- C Mode: Establish $C=K*A$ curve, test sample concentration.
- F Mode: Establish $A=K1*C+K0$, test sample concentration.
- Display and save curve, test data (BK-V1200).

WL: 546.0			
T: 100.0			
A	T	C	F

Photometry Mode

WL: 546.0			
C: 10C			
A	T	C	F

Con. Test $C=K*A+B$

Technical Parameters:

Model	BK-UV1000	BK-V1000	BK-UV1200	BK-V1200
Optical System	Single Beam, Grating 1200 lines/mm			
Wavelength Range	200~1100nm	325~1100nm	195~1100nm	320~1100nm
Spectral Bandwidth	4nm			
Wavelength Accuracy	±1.8nm		±1.0nm	
Wavelength Repeatability	≤0.5nm			
Photometric Accuracy	±0.002A (0~0.5Abs), ±0.004A (0.5~1.0Abs), ±0.5% T (0~100% T)			
Photometric Repeatability	0.001Abs (0~0.5Abs), 0.002Abs (0.5~1.0Abs), ≤0.2% T (0~100% T)			
Stray Light	≤ 0.2 % T @ 360nm; 220nm(UV)		≤ 0.2% T @ 360nm(V)	
Stability	± 0.002A/h@500nm			
Noise	±0.001A			
Display	128*64 Dots LCD			
Photometric Mode	T, A, C, E			
Photometric Range	0~200%T, -0.301~3.0A			
Detector	Silicon Photodiode			
Light Source	Deuterium Lamp, Tungsten Lamp			
Input	Membrane Keypad			
Output	Parallel Print,USB1.0			
Standard Accessories	1cm glass cuvette*4, 1cm quartz cuvette*2, 1cmquadruple cuvette holder*1	1cm glass cuvette*4, 1cmquadruple cuvette holder*1	1cm glass cuvette*4, 1cm quartz cuvette*2, 1cmquadruple cuvette holder*1	1cm glass cuvette*4, 1cmquadruple cuvette holder*1
Optional Accessories	General application software, 1cm standard single slot cuvette holder, long optical path cuvette holder, cuvette, micro cuvette, test tube type absorber rack, solid sample holder, deuterium lamp, tungsten lamp, quadruple cuvette holder, printer, four-slot water bath type constant temperature absorption pool, X-Y Adjustable Micro Absorption Pool, single bath type constant temperature absorption pool			
Package Size(W*D*H) mm	560*430*320	560*430*320	560*430*320	560*430*320
Gross Weight(kg)	12	11.5	12	11.5

BIOBASE[®]

Add: No.9 Gangxing Road, High-tech Zone, Jinan City,
shandong Province, China

Tel: +86-531-81219803/01 Fax: +86-531-81219804

Email: export@biobase.com

Website: www.biobase.cc www.meihuatrade.com



BIOBASE CHINA



BIOBASE CHINA



BIOBASE CHINA