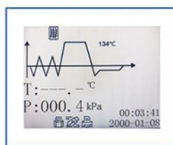


Table Top Autoclave Class B Series



Features:

- * **Built-in open type water tank**
The sterilizer adopts easy-clean open type water tank which can support repeated program running if fully injected with water.
- * **High-efficiency ultimate vacuum**
The sterilizer adopts high-efficiency low noise vacuum system which has excellent effects.
- * **Large LCD display for BKM-Z18/24B**
The LCD screen can display temperature, pressure, time, operating status, failure warning and other information. It is convenient for customers to observe the sterilizer running status.
- * **Multiple program types**
The system has various programs that include packed items, unpacked items, BD testing program, vacuum testing program and drying function.
Custom program, rapid program and preheat function (for BKM-Z16B).
- * **Standard USB port for BKM-Z18/24B**
Users can store the sterilization data with USB disk.
- * **Optional mini printer can be attached to record the process of sterilization.**

Technical Parameters:

Model	BKM-Z16B	BKMZA (Previous name: BKM-Z18B)	BKMZB (Previous name: BKM-Z24B)
Capacity	16L	18L	23L
Chamber Size(mm)	φ230*360	φ247*360	φ247*470
Sterilization Class	Class B (according to GB0646)		
Sterilization Temperature	121°C, 134°C		
Special Program	HIV, HBV long-sterilization program /		
Drying System	Vacuum drying system		
Display	LED display	LCD display	
Testing System	B&D Test Vacuum Test Helix Test		
Control Precision	Temperature: 1°C Pressure: 0.1bar		
Sterilization Data	BKM-Z16B: Printer(optional) BKM-Z18B/BKM-Z24B: USB(standard) and printer(optional)		
Safety System	Hand lock door Pressure lock system Relief valve in case of over pressure Pressure or temperature over load protection Alarm for system failure, finish reminding, water level warning		
Water Supply System	Build-in water tank easy to clean		
Water Tank Capacity	2L	4L	
Water Consumption	0.4L in one cycle	0.16L~0.18L in one cycle	
Tray Holder	3 pcs SS trays on SS shelf		
Chamber	SUS304 Max working pressure: 2.3bar Min working pressure: -0.9bar Design temperature: 140°C		
Ambient Temp.	5~40°C		
Noise	<50dB		
Consumption	1800W	1950W	1950W
Power Supply	AC110/220V±10%, 50/60Hz		
External Size(W*D*H)mm	445*550*395	495*600*410	495*700*410
Package Size(W*D*H)mm	550*670*500	610*810*590	610*810*590
Gross Weight(kg)	47	63	65

Note: It is applicable to the altitude below 3,500m

Table Top Low Speed Centrifuge

Features for BKC-TL4IV:

- * Maintenance-free brushless DC motor.
- * Microprocessor control, LED display.
- * Stainless steel chamber.
- * Rotor recognition system, Automatically electric lid lock, over speed, over temperature, and imbalance protection.



BKC-TL4IV/TL5VII

Features for BKC-TL5VII:

- * DC Brushless motor, special damping device make the motor run steady, free maintenance.
- * Display: microprocessor control, LED display of running parameters, 10rpm increments, conversion of RPM/RCF.
- * Function: automatically electric lid lock, over speed, over temperature and imbalance protection, memory flashing function.
- * Alarm: over speed, rotor mounting abnormally.
- * External cold-rolled steel with powder coating, stainless steel centrifugal chamber and lid.

Technical Parameters:

Model	BKC-TL4IV	BKC-TL5VII
Max. Capacity	6*50ml	
Max. Speed	4000rpm	5000rpm
Speed Precision	/	±30rpm
Timing Range	1~60min	0~99min
Noise	≤65dB	<58dB
Consumption	180W	300W
Power Supply	AC110/220V, 50/60Hz	
External Size(W*D*H)mm	395*340*305	330*295*255
Package Size(W*D*H)mm	500*400*330	480*445*455
Net/Gross Weight(kg)	20/22	20/28

Rotor:

BKC-TL4IV					BKC-TL5VII				
Rotor No.	Rotor	Capacity	Speed(rpm)	RCF(xg)	Rotor No.	Rotor	Capacity	Speed(rpm)	RCF(xg)
No.1	Angle Rotor	18*10/7ml	4000	2200	No.1	Angle Rotor	18*10/7ml	5000	4020
No.2		24*10/7ml	4000	2200	No.2		24*10/7ml	5000	4020
No.3		12*15/10ml	4000	2200	No.3		12*15/10ml	5000	4020
No.4		12*20/15ml	4000	2200	No.4		12*20/15ml	5000	4020
No.5		6*50ml	4000	2200	No.5		6*50ml	5000	4020

Table Top Low Speed Refrigerated Centrifuge

Technical Parameters:

Model	BKC-TL5R
Max. Speed	5000rpm
Max. RCF	4390xg
Max. Capacity	4*250ml
Speed Precision	±50rpm
Timing Range	1s~99h59min59s
Temp. Range	-20°C~40°C
Temp. Accuracy	±1°C
Refrigerant	CFC-free refrigerant
Noise	≤65dB
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H)mm	640*680*380
Package Size(W*D*H)mm	780*800*520
Net Weight(kg)	95
Gross Weight(kg)	120



Features:

- * Maintenance-free brushless DC motor.
- * LED/LCD display.
- * Stainless steel chamber.
- * Automatically electric lid lock, over speed, over temperature, and imbalance protection.

Rotor:

Rotor No.	Rotor	Capacity	Max. Speed(rpm)	Max. RCF(xg)
No.1	Angle Rotor	12*10ml	5000	4390
		4*100ml	5000	4390
No.2	Swing Bucket Rotor	4*2*100ml	4000	3500
		4*4*10ml		
		4*6*10ml		
		4*8*10ml		
		4*4*15ml	5000	4390
		4*6*15ml		
4*8*15ml	4000	3500		
4*50ml				
No.3	Swing Rotor	4*250ml	4000	3500
		4*8*5ml		
	4*8*7ml			
	Adapter	4*8*10ml		
		4*2*50ml		
No.4	4*12*7/5ml	4000	2800	
No.5	Swing Rotor	4*18*7/5ml	4000	2800
No.6		4*24*7/5ml	4000	2800
No.7	Microplate	2*2*48well	4000	2300
No.8		2*2*96well	4000	2300

-86°C Freezer



158L



338L



408L



108L



348L



588L

Technical Parameters

Model	BDF-86V158	BDF-86V338	BDF-86V408
External Size(W*D*H) mm	700*700*1580	854*1072*1907	872*1028*1945.5
Internal Size(W*D*H) mm	458*430*788	488*607*1140	606*575*1180
Capacity	158L	338L	408L
Type	Vertical		
Temp. Range	-40~-86°C	-40~-86°C	-40~-86°C
Temp. Accuracy	0.1°C	0.1°C	0.1°C
Control System	Microprocessor control, LED Display	Microprocessor control, LCD touch screen	Microprocessor control, LED Display
Audible and Visual Alarm	High temperature, Sensor failure	High and low temperature, Sensor failure, Door ajar, Power failure, Voltage abnormal, Ambient temperature abnormal, Low voltage, Filter blocking	
Refrigeration type	Direct refrigeration		
Refrigerant	Mixture refrigerant	Mixture refrigerant	Mixture refrigeration
Compressor	1 set	2 sets	1 set
Condenser&Evaporator	Made of copper		
Construction	Structure	Unibody design & Mono-assembly foaming (Rigid polyurethane insulation material)	
	Internal Material	SS 304	
	External Material	Cold-rolled steel with anti-bacteria powder coating	
Door	Lockable door		
Caster	4 casters		
Chamber with Inner Door	3	4	4
Shelf	2 pcs	3 pcs	3 pcs
Temp. Test Port	1, φ30mm	1, φ25mm	1, φ25mm
Consumption	480W	870W	735W
Power Supply	AC110V/220V±10%, 50/60Hz		
Standard Accessory	72 hours battery backup for power failure alarm		
Optional Storage Racks and Boxes		12 racks: 4*4	8 racks: 5*4; 8 racks: 4*4
		192 Boxes	288 boxes
Package Size (W*D*H) mm	800*780*1720	935*1070*2128	954*955*2094
Gross Weight	155kg	306kg	293kg

Technical Parameters

Model	BDF-86V108	BDF-86V348	BDF-86V588
External Size (W*D*H)mm	700*730*1260	869*989*1924	891*1155*1994.5
Internal Size (W*D*H)mm	460*460*510	490*612*1150	606*738*1310
Capacity	108L	348L	588L
Type	Vertical		
Temp.Range	-40°C~-86°C	-60°C~-86°C	-40°C~-86°C
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, LED display	Microprocessor control, LCD touch screen	
Audio and Visual Alarm	High and low temperature, Sensor failure	High and low temperature, Power failure, Door ajar, Thermostat failure	High and low temperature, Sensor failure, Door ajar, Power failure, Voltage abnormal, Ambient temperature abnormal, Low voltage, Filter blocking
Refrigeration Type	Direct refrigeration		
Refrigerant	Mixture refrigerant		
Compressor	1 set	2 sets	2 sets
Condenser&Evaporator	Made of copper		
Construction	Structure	Unibody design & Mono-assembly foaming (Rigid polyurethane insulation material)	
	Internal Material	SS 304	
	External Material	Cold-rolled steel with anti-bacteria powder coating	
Door	Lockable door		
Caster	4 casters		
Chamber withInner Door	2	2	2
Temp. Test Port	1, φ20mm	1, φ23mm	1, φ25mm
Consumption	450W	850W	815W
Power Supply	AC110V/220V±10%, 50/60Hz		
Standard Accessory	USB port		
Optional Accessory Storage Racks and Boxes	no	12 racks:4*4	16 racks:5*5
		192 boxes	400 boxes
Package Size (W*D*H)mm	785*800*1430	929*1049*2150	970*1138*2185
Gross Weight	133kg	200kg	363.5kg

Laboratory Refrigerator



656L



1500L

Technical Parameters

Model	BPR-5V650	BPR-5V1500
External Size(W*D*H) mm	1220*642*1885	1800*748*1965
Capacity	656L	1500L
Temp. Range	2~8°C	
Temp. Accuracy	0.1°C	
Control System	Microprocessor Control & Large Screen LED Display	
Alarm	Audio and visual alarm for: High and low temperature, Thermostat fault, power failure(only for BPR-5V650), Door ajar	
Refrigeration Type	Forced air refrigeration system	
Refrigerant	R600a, CFC Free	R134a, CFC Free
Condenser&Evaporator	High efficiency air-cooled condenser, made of copper	
Defrost	Auto defrost	
Construction	Structure	Unibody design & Mono-assembly foaming (rigid polyurethane insulation material)
	Internal Material	Cold-rolled steel coated with anti-bacteria powder SS304
	External Material	Cold-rolled steel coated with anti-bacteria powder SS304
Shelves	Adjustable shelves made of high quality steel wire	
	10 pcs	12 pcs
Consumption	310W	830W
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessory	LED lamp, Shelves, Door keys, Testing hole, Battery	
Package Size(W*D*H) mm	1290*695*1940	1940*880*2035
Gross Weight	188kg	190kg

-25°C Freezer



BDF-25H305

Features

1. Digital temperature display.
2. The safety lock can prevent random opening.
3. Baskets made of steel wire are convenient to store articles.
4. Round corner design of doors and the body provides luxury and elegance.
5. Delayed start and safe stop interval between restart and being terminated, ensure reliable running.

Technical Parameters

Model	BDF-25H305	
External Size(W*D*H) mm	1000*520*665	
Capacity	305L	
Temp. Range	-10°C~-25°C	
Temp. Accuracy	0.1°C	
Control System	Microprocessor control&LED display	
Alarm	High or low temperature alarm, Temperature sensor failure alarm, over range alarm.	
Refrigeration Type	Direct refrigeration	
Refrigerant	R600a, CFC free	
Condenser&Evaporator	Internal-mounted condenser and coil type evaporator	
Construction	Structure	Whole foaming, freon cyclopentane/isopentane high density polyurethane foam
	Internal Material	Aluminum
	External Material	Cold-rolled steel coated with anti-bacteria powder
Basket	none	
Consumption	106W	
Power Supply	AC220V±10%, 50HZ	
Package Size(W*D*H)mm	1223*777*1005	
Gross Weight	97kg	

Constant-Temperature Incubator

Features:

- * Intelligent temperature controller, based on microprocessor with PID parameters controlling function, and LCD display make temperature accurate and reliable.
- * The double door makes the temperature fluctuation small. The toughened-glass inner door is convenient to observe chamber condition without affecting chamber temperature.
- * The working chamber adopts 304 stainless steel and round angle structure, easy to clean.



BJPX-H30



BJPX-H50/80/160/270

Optional Accessories: * Independent temperature protector.

Technical Parameters:

Model	BJPX-H30	BJPX-H50	BJPX-H80	BJPX-H160	BJPX-H270
Capacity	30L	50L	80L	160L	270L
Temp. Range	RT+5~65°C				
Temp. Fluctuation	±0.3°C				
Time Setting	1~9999mins				
Alarm	Over-temperature alarm;audible and visual alarm.				
Shelves	2 pcs/adjustable		3 pcs/adjustable		
Consumption	200W	210W	280W	380W	570W
Power Supply	AC110/220V±10%, 50/60Hz				
Internal Size(mm)	320*300*315	350*350*410	400*400*500	500*500*650	600*600*750
External Size(mm)	650*470*510	510*520*800	580*570*890	680*670*1050	770*780*1150
Package Size(mm)	780*600*680	600*610*850	670*650*940	800*790*1200	890*890*1300
Gross Weight(kg)	45	55	57	90	130

Constant-Temperature Incubator

Features:

- * Large LED display, multiple groups of data to be displayed at a time; function of timing and over-temperature protection.
- * Two-layer toughened-glass observation window.



BJPX-H30/48/64/123II



BJPX-H230II

Technical Parameters:

Model	BJPX-H30II	BJPX-H48II	BJPX-H64II	BJPX-H123II	BJPX-H230II
Capacity	30L	45L	65L	125L	230L
Temp. Range	RT+5~80°C				
Temp. Fluctuation	±0.2°C				
Time Setting	1~9999mins				
Shelves	2 pcs/adjustable				
Consumption	150W	250W	500W	600W	700W
Power Supply	AC220V±10%, 50/60Hz				
Internal Size(mm)	310*310*310	350*350*350	400*360*450	500*450*550	600*500*750
External Size(mm)	460*510*695	500*550*735	550*550*840	636*680*915	730*670*1220
Package Size(mm)	550*570*765	620*585*800	640*640*905	730*720*1000	900*800*1350
Gross Weight(kg)	51	54	60	70	115

Shaker

Orbital and Linear Shaker

Digital orbital and linear shaker is suitable for mixing in culture dishes, flasks and beakers.



Features:

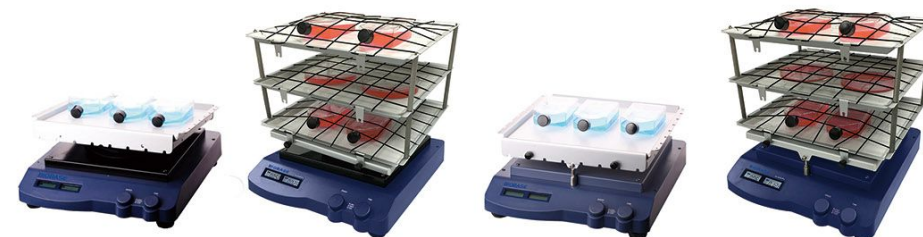
- * LCD display.
- * Over speed detection and protection.
- * Different platforms and fixtures for selection.
- * Can hold 3 pcs platform (only for SK330.5 or SK180.4 petri dish platform)

Technical Parameters:

Model	SK-O330-Pro	SK-L330-Pro	SK-O180-Pro	SK-L180-Pro
Shaking Motion	Orbital	Linear	Orbital	Linear
Orbital Diameter	10mm	/	4mm	/
Amplitude	/	10mm	/	4mm
Max. Shaking Weight (with attachment)	7.5kg		2.5kg	
Motor Type	Brushless DC motor			
Motor Input	28W			
Motor Output	15W			
Speed Range	100-500rpm	100-350rpm	100-800rpm	100-350rpm
Speed Display	LCD			
Time Range	1~1199min			
Operation Mode	Continuous/timed operation			
Ambient Temp	5~40°C			
Protection Type	IP21			
Connection Interface	RS232			
Consumption	30W			
Power Supply	AC110/220V±10%, 50/60Hz			
Standard Accessory	1pc SK330.1 universal attachment		1pc SK180.1 universal attachment	
External Size(W*D*H)	370*420*100mm		300*340*100mm	
Package Size(W*D*H)	500*600*230mm (Shaker)		450*450*200mm (Shaker)	
	380*480*200mm (Accessory)		380*480*200mm (Accessory)	
Gross Weight	15kg (Shaker), 2kg (Accessory)		10kg(Shaker), 2kg (Accessory)	

3D and Rocking Shaker

3D shaker and Rocking shaker are suitable for mixing applications in wide fields including, gel staining and destaining, washes, hybridisations, immune precipitation and Western blots etc.



SK-D3309-Pro

SK-R330-Pro

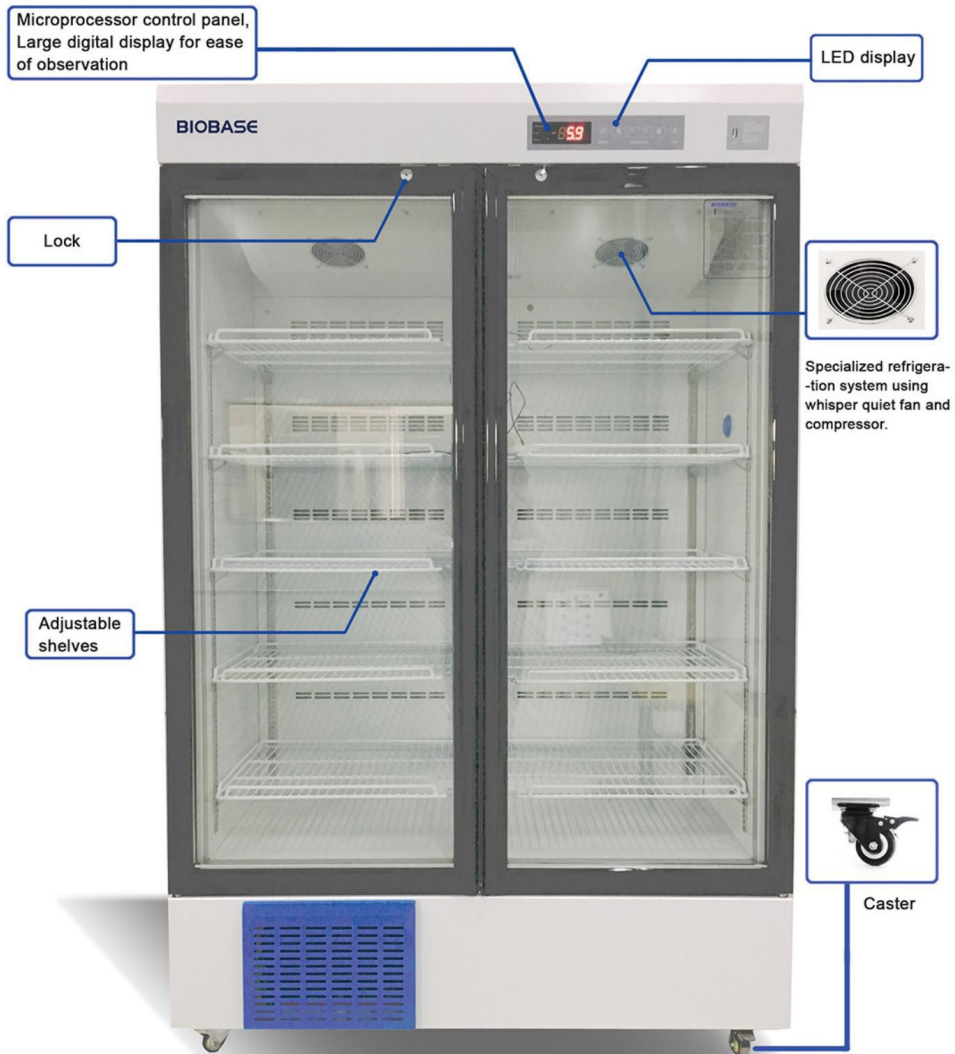
Features:

- * LCD display.
- * Different platforms and fixtures for selection.
- * 3D shaker: gentle 3D motion with fixed angle 9°;
- Rocking shaker: smooth see-saw rocking motion with fixed angle 9°.
- * Can hold 3 pcs platform (only for SK330.5 petri dish platform)

Technical Parameters:

Model	SK-D3309-Pro	SK-R330-Pro
Rocking Motion	3D orbital	See-saw rocking
Angle	9°	
Max. Load Capacity (with attachment)	5kg	10kg
Motor Type	DC motor	
Speed Range	10~70rpm	
Speed Display	LCD	
Time Range	1~1199min	
Operation Mode	Continuous/ timed operation	
Ambient Temp.	5~40°C	
Protection Type	IP21	
Consumption	50W	
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessory	1pc SK330.5 petri dish platform	
External Size(W*D*H)	360*430*106mm	360*410*200mm
Package Size(W*D*H)	480*540*370mm	480*560*340mm
Gross Weight	17kg	15.5kg

Laboratory Refrigerator(2-8°C)



Laboratory Refrigerator



Technical Parameters

Model	BPR-5V160	BPR-5V250	BPR-5V310	BPR-5V588	BPR-5V1000
External Size(W*D*H) mm	500*550*1300	580*575*1810	620*575*1980	1220*630*1885	1220*860*1885
Capacity	160L	250L	310L	588L	1000L
Temp. Range	2°C~8°C				
Temp. Accuracy	0.1°C				
Control System	Microprocessor Control, Large Screen LED Display				
Alarm	Audible and visual alarm for: High and low temperature, Power failure alarm, Door ajar, Thermostat failure				
Refrigeration Type	Forced air refrigeration system				
Refrigerant	R600a, CFC Free			R134a, CFC Free	
Condenser & Evaporator	Bundy tube condenser				
Defrost	Manual defrost		Auto defrost		
Construction	Structure	Unibody Design & Mono-assembly foaming (Rigid polyurethane insulation material)			Unibody Design & Mono-assembly foaming (Polyurethane cyclopentane insulation material)
	Internal Material	Embossed aluminum sheet			Spraying steel plate
	External Material	Spraying steel plate			
Shelves	4 pc	4pc	5 pc	5 pc	
Door	Glass door with electric heating				
Consumption	136W	170W	180W	560W	
Power Supply	AC220V±10%, 50/60Hz(only for BPR-5V160) ,AC110/220V±10%, 50/60Hz				
Standard Accessories	LED Lamp,USB port, probe access port(BPR-5V588 & BPR-5V1000)				
Optional Accessory	Temperature recorder, Temperature printer(USB port can not be selected at the same time), probe access port				
Package Size(W*D*H) mm	590*595*1380	670*650*1870	700*650*2030	1340*750*2100	1340*980*2100
Gross Weight	51kg	68kg	84kg	248kg	280kg

XS-208 Series Laboratory Biological Microscope



Technical Parameters:

	Specification	Model					
		XS-208A	XS-208B	XS-208C	XS-208AP	XS-208BP	XS-208AB
Viewing Head	Sliding Binocular Head inclined at 45°	√					
	Sliding Trinocular Head inclined at 45°		√				
	Compensation Free Binocular Head inclined at 30°				√		√
	Compensation Free Trinocular Head inclined at 30°			√		√	
Nosepiece	Ball Bearing Quadruple Nosepiece	√	√	√	√	√	√
Eyepiece	WF10X/18mm	√	√	√	√	√	√
	Achromatic 4X, 10X, 40X(S)/100X(S, OI)	√	√	√		√	√
Objective	Infinite Plan Achromatic 4X, 10X, 40X(S)/100X(S, OI)			√			
					√		
Stage	Double Layer Mechanical Stage 135*140mm	√	√	√	√	√	√
Condenser	ABBE NA1.25 condenser with iris Diaphragm & filter, rack&pinion adjustable	√	√	√	√	√	√
Illumination	Build-in Illumination, Halogen lamp 6V/20W	√	√	√	√	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√	√	√
Optional Accessories	Photo attachment, Video attachment	√	√	√	√	√	√
	Dark field condenser, Polarization set, Phase contrast kit	√	√	√	√	√	√
		√	√	√	√	√	√
Package	Cartoon with foam	√	√	√	√	√	√
Package Size	250*360*460mm	√	√	√	√	√	√
Gross Weight	8kg	√	√	√	√	√	√

Note: 110V/220V for LED lamp, 220V only for Halogen lamp.
Optional: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece.

XSB-Series Laboratory Biological Microscope



Technical Parameters:

	Specification	Model					
		XSB-301P	XSB-301B	XSB-103B	XSB-102B	XSB-301A	
Viewing Head	Compensation Free Binocular Head inclined at 30°	√	√	√			
	Compensation Free Trinocular Head inclined at 30°				√		
	Sliding Binocular Head inclined at 45°					√	
	Sliding Trinocular Head inclined at 45°						
Nosepiece	Ball Bearing Quadruple Nosepiece	√	√	√	√	√	
		√	√	√	√	√	
Eyepiece	WF10X/18mm	√	√	√	√	√	
	Plan Achromatic 4X, 10X, 40X(S)/100X(S, OI)	√	√	√	√	√	
Objective	Achromatic 4X, 10X, 40X(S)/100X(S, OI)		√	√	√	√	
	Achromatic 10X, 20X, 40X(S)/100X(S, OI)				√	√	
Stage	Double Layer Mechanical Stage 135*140mm	√	√	√	√	√	
Condenser	ABBE NA1.25 condenser with iris Diaphragm & filter, rack&pinion adjustable	√	√	√	√	√	
Illumination	Build-in Illumination, Halogen lamp 6V/20W	√	√	√	√	√	
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√	√	
Optional Accessories	Photo attachment, Video attachment	√	√	√	√	√	
	Dark field condenser, Polarization set, Phase contrast kit	√	√	√	√	√	
		√	√	√	√	√	
Package	Each set in styrofoam, to carbon for safety	√	√	√	√	√	
Package	Cartoon with foam	√	√	√	√	√	
Package Size	240*340*400mm	√	√	√	√	√	
Gross Weight	7kg	√	√	√	√	√	

Note: 110V/220V for LED lamp, 220V only for Halogen lamp.
Optional: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece.