

Table Top Low Speed Centrifuge



Introduction:

BKC-TL6M is a microcomputer controlled desktop low speed automatic balance centrifuge, the machine for steel body, the surface of the spray processing, so it has good rigidity, high strength, and novel shape, beautiful appearance, with low noise, small temperature rise, safe and reliable advantages.

This machine adopts DC brushless maintenance-free motor drive, microcomputer control, door cover protection, make your operation more safe, more convenient, more reliable.

Application:

It can be widely used in the separation of particles of different density in scientific research laboratories and production department such as radioimmunity, biochemistry and pharmacy.

Features:

- * The whole machine adopts steel structure, stainless steel centrifugal chamber.
- * Embedded microprocessor control, large torque AC frequency conversion motor direct drive, no carbon pollution, long service life.
- * Provide 10 kinds of up and down rate selection mode.
- * Digital display, real-time display of all parameters.
- * Unbalance detection function, electronic door lock automatic switch, interlock with the motor, safe and reliable operation.
- * Multi-layer damping structure, small vibration, low noise, environmental protection.
- * It can set the centrifugal speed, centrifugal time and other parameters, and check the centrifugal force at any time.
- * The use of lower exhaust design, tyure using filter cotton adsorption, to avoid biological cross infection.
- * Equipped with a variety of rotor for choice, according to the test needs to design a variety of adapters, multi-purpose machine.

Technical Parameters:

Model	BKC-TL6M
Max. Speed	6000rpm
Max. RCF	5310xg
Max. Capacity	2000ml
Speed Precision	±1% or 20 rpm
Time Range	0~999min
Power Supply	AC 220±10%V, 50/60Hz
Consumption	750W
Noise	≤65dB
External Size(L*W*H)mm	560*460*390
Package Size(L*W*H)mm	705*605*695
Net Weight/Gross Weight(kg)	54/70

Rotor:

No.	Rotor	Capacity	Max.Speed(rpm)	Max. RCF (xg)				
No.1	Swing Rotor	4*500ml cup	4000	3580				
		4*9*15ml						
	Adapter	4*12*5ml vacuum tube (L106mm)						
		4*1*100ml (▲)						
		4*1*250ml						
		4*8*15ml (▲)						
		4*1*50ml						
		4*1*100ml (●)						
		4*2*50ml; 4*3*50ml; 4*2*100ml						
		4*4*30ml (●) PP tube						
		4*8*15ml (●)						
		4*12*10ml						
		4*250ml						
		No.2			Swing Rotor	4*500ml Support	/	3500
Tube Rack	4*20*2ml vacuum tube (L80mm)		4000					
	4*30*5ml vacuum tube							
	4*20*5ml vacuum tube (L106mm)							
	4*24*2ml vacuum tube							
	4*24*5ml vacuum tube (L75mm)							
	4*24*5ml vacuum tube (L100mm)							
	4*24*5ml vacuum tube (L106mm)							
	4*20*7ml PP transparency tube							
	4*16*10ml							
	4*25*1.5ml							
	4*30*2ml flat tube							
	No.3			Swing Rotor	4*250ml cup	5500	4390	
				Adapter	4*2*50ml			
4*9*10ml								
4*1*100ml								
No.4	Swing Rotor	4*50ml PRP cup	4000	3200				
No.5	Swing Rotor	4*250ml Support	/	3500				
	Tube Rack	4*2*50ml (▲)	4000					
		4*4*50ml						
		4*10*5ml vacuum tube (L106mm)						
		4*12*5ml vacuum tube (L75mm)						
		4*12*5ml vacuum tube (L80mm)						
		4*12*5ml vacuum tube (L100mm)						
		4*12*5ml vacuum tube (L106mm)						
		4*18*5ml vacuum tube (L106mm)						
		4*20*5ml						
No.6	Microplate Rotor	2*2*96well		2300				
No.7	Angle Rotor	4*50ml	5000	2520				
No.8		4*100ml		2630				
No.9		6*50ml		2850				
No.10		8*15ml		2600				
No.11		12*10ml		3080				
No.12		12*15ml						
No.13		18*10ml		2810				
No.14		24*10ml		3500				

With mark(●) is round-bottom tube, with mark(▲) is sharp-bottom tube. We can do custom adapter according the user's requirements.

Inverted Biological Microscope



Features:

- * Excellent optical function with infinite optical system.
- * Innovative stand structure, sharp image display, convenient operation and special design for viewing incubating cell tissue.

Technical Parameters:

Model	BMI-100		
Optical System	Infinite optical system		√
Viewing Head	Trinocular head inclined at 30°, interpupillary distance 48~75mm		√
Eyepiece	High-point, extra wide field eyepiece EW10×/ 22		√
Objective	LWD infinite plan objective	4×/ 0.1, WD 17.3mm;	√
		10×/ 0.25, WD 10mm;	●
		20×/ 0.4, WD 5.1mm;	●
		40×/ 0.6, WD 2.1mm	√
	Infinite plan phase objective	PH10×/ 0.25, WD 10mm;	√
		PH20×/ 0.4, WD 5.1mm;	√
		PH40×/ 0.65, WD 2.1mm	●
Nosepiece	Quintuple nosepiece		√
Condenser	ELWD condenser NA 0.3, LWD 72mm (without condenser 150mm)		√
Centering	Centering telescope (Φ30MM)		●
Phase Annulus	10×-20×, 40× phase annulus plate (fixed)		√
	10×-20×, 40× phase annulus plate (adjustable)		●
Stage	Plain stage 160×250mm		√
	Glass insert		√
	Attachable mechanical stage, X-Y coaxial control, moving rang120×78mm		●
	Auxiliary stages70×180mm		√
	Terasaki holder		●
	Φ35mm petri dish holder		●
	Φ54mm slide glass holder		●
	Φ90mm petri dish holder		●
Focusing	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range up 8mm, down 3mm		√
Illumination	Halogen lamp 6V/ 30W		√
	LED		●
Filter	Blue, green and ground glass, diameter 45mm		√
Power Supply	AC 110~220V, 50/60HZ		√
Accessories	Inverted flurescent attahement FL-100, photo attachment, video adapter with C mount		●
Package Size	468*397*665mm		√
Gross Weight	15.5kg		√

Note: √ Standard Outfit, ● Optional Trinocular microscope can be installed camera and screen.

Inverted Biological Microscope



Technical Parameters:

Model	BMI-202		
Optical System	Infinite optical system		√
Viewing Head	Seidentopf trinocular viewing head, Inclined at 45°, 360° rotatable, Interpupillary 48~75mm		√
Eyepiece	wide field eyepiece WF10×/22, eyepiece tube diameter 30mm		√
	Wide field eyepiece WF15×/16		●
	Wide field eyepiece WF20×/12		●
Objective	LWD infinite plan achromatic objective 4×/0.10 WD=22		√
	LWD infinite plan achromatic phase objective	10×/0.25 WD=6	√
		20×/0.4 WD=3.1	√
		40×/0.55 WD=2.2	√
	High-level phase contrast objective	10×/0.25 WD=6	●
		20×/0.4 WD=3.1	●
		40×/0.55 WD=2.2	●
Lamp house adjustment objective		●	
Nosepiece	Backward quintuple nosepiece		√
Condenser	ELWD condenser NA0.3, LWD72mm(without condenser 150mm)		√
Centering Telescope	Centering telescope(φ30mm)		√
Phase Annulus	10×, 20×, 40× phase annulus plate(adjustable)		√
Stage	Plain stage 230×170		√
	Glasse insert		√
	Attachable mechanical stage, X, Y coaxial control, moving rang 80×120mm		√
	Auxiliary stage		√
	Terasaki holder		√
	Petri dish holder φ38		√
	Petri dish holder φ54		√
			√
Focusing System	Coaxial coarse and fine adjustment, fine division 0.002mm, moving range up 4.5mm down 4.5mm		√
Illumination	6V, 30W halogen lamp, brightness adjustable		√
Filter	Blue, green and ground glass, diameter 45mm		√
Power Supply	110~220V, 50/60Hz		√
Accessories	Photo attachment		●
	C Mount 0.4×		●
	Epi-Fluorescent attachment		●
Package Size	630*350*620mm		√
Gross Weight	15kg		√

Note: √ Standard Outfit, ● Optional Trinocular microscope can be installed camera and screen.

Table Top Low Speed Large Capacity Centrifuge



Introduction:

BKC-TL5C is used for rapid separation of serum, plasma and other body fluids.

Features:

- * All-metal structure multi-layer explosion-proof design, strong and durable.
- * Embedded microprocessor control, DC brushless motor drive, maintenance free, smooth operation.
- * 5 inch touch LCD screen, real-time display all running parameters, the operation interface is intuitive and simple.
- * Support small language customization,
- * Mechanical and electrical integration door lock, easy to use, safe and reliable.
- * Silicone integral sealing ring to avoid aerosol overflow.
- * With self-test, block, overspeed, imbalance, over temperature detection and alarm functions, excellent shock absorption device.
- * Store multiple groups of user-defined programs, boot for the last program.

Technical Parameters:

Model	BKC-TL5C
Max.Speed	5000rpm
Max.RCF	4807×g
Max.Capacity	4*500ml
Speed Precision	±30rpm
Time Range	1min~99h59min
Power Supply	AC110/220V 50/60Hz
Noise	≤65dB(A)
External Size(L*W*H)	500*620*410mm
Package Size(L*W*H)	596*736*673mm
Net/Gross Weight	56/70kg

Rotor:

Type	NO.	Capacity	Max.Speed(rpm)	Max.RCF(×g)	Adapter
Swing Rotor	5M00024	48*3/4/5/7ml	4000	2952	/
	5M00025	48*3/4/5/7ml		2952	/
	5M00029	16*15/10ml		2957	/
	5M00030	24*15/10ml		2957	/
	5M00031	32*15/10ml		2952	/
	5M00032	4*50ml		5000	4626
	5M00033	8*50ml	4000	2952	/
	5M00034	4*100ml	5000	4807	/
	5M00036	8*100ml	4000	3077	/
	5M00038	4*250ml	4200	3065	40*1.5(▲), 40*2ml(●), 24*10ml(▲), 24*10ml(●), 20*15ml, 4*50ml(▲), 8*50ml, 4*100ml
	5M00039	4*500ml	4000	3130	/
	Microplate Rotor	5M00045	2*2*96well	4000	2361

Stirrer

Hotplate Magnetic Stirrer

Features of BS-2H/3H:

- * Cast Aluminum with surface spraying plate.
- * Max. Temp.: 380°C, max. speed: 2000rpm.
- * Heating and stirring can proceed simultaneously.
- * Heating power and stirring speed is steplessly adjusted.



BS-2H



BS-3H

Features of BS-4H/4HC:

- * Ceramic plate.
- * PT100 sensor is standard for BS-4HC.
- * With the adjustable rack and stirrer bar.
- * Max. Temp.: 380°C, max. speed: 2000rpm.
- * Heating and stirring can proceed simultaneously.
- * Heating power and stirring speed is steplessly adjusted.
- * Enclosed hot plate with flame protection, fast warm-up and durability.



BS-4H



BS-4HC

Technical Parameters:

Model	BS-2H	BS-3H	BS-4H	BS-4HC
Work Plate Size	120*120mm	170*170mm	190*190mm	
Plate Load(kg)	3	10		
Work Plate Material	Cast Aluminum with surface spraying		Ceramic	
Max. Stirring Capacity	2L	5L		
Speed Range	100~2000rpm		200~2000rpm	
Heating Temp	380°C			350 °C
Power Consumption	180W	500W	600W	
Power Supply	AC110/220V±10%, 50/60Hz			
Standard Accessory	Adjustable rack, stirrer bar; PT100 sensor (only for BS-4HC)			
External Size(W*D*H) mm	200*120*90	265*185*190	320*190*125	
Package Size(W*D*H) mm	250*180*120	280*210*220	390*240*230	
Net Weight(kg)	1.9	2.2	5	
Gross Weight(kg)	3	3.4	6	

Hotplate Magnetic Stirrer



MYP11-2



MYP11-2A



SH05-3G



X85-2



X85-2S

Technical Parameters:

Model	MYP11-2	MYP11-2A	SH05-3G	X85-2	X85-2S
Work Plate Size	φ145mm		φ175mm	φ145mm	
Work Plate Material	Aluminum alloy		Stainless steel	Aluminum alloy	
Max. Stirring Capacity	5L		10L	5L	
Motor Type	Brushless DC motor				
Motor Output	15W			10W	
Speed Range	0~1500rpm				
Digital Display	Speed, temperature, time			/	Speed
Control	Button	Knob + Button	Button	Knob	
Heating Output	600W		800W	600W	
Heating Temp. Range	RT~320°C		RT~250°C	50~300°C	
Temp. Accuracy	±0.5°C		±1°C	/	
Timing Range	1~9999min		1~250min	/	
Power Supply	220V, 50Hz				
External Size(W*D*H) mm	280*160*90		330*190*130	250*150*135	
Package Size(W*D*H) mm	380*300*190		430*330*230	360*290*240	
Gross Weight(kg)	4.5		7	6	

Laboratory Refrigerator



118L



238L



298L



628L/968L

Technical Parameters

Model	BPR-5V118	BPR-5V238	BPR-5V298	BPR-5V628	BPR-5V968
External Size(W*D*H) mm	500*550*1300	580*575*1810	620*575*1980	1220*630*1885	1220*860*1885
Capacity	118L	238L	298L	628L	968L
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 pcs	4pcs	5 pcs	10 pcs	
Door	Glass door with electric heating				
Consumption	162W	162W	189W	537W	
Power Supply	AC220V±10%, 50/60Hz(only for BPR-5V118) ,AC110/220V±10%, 50/60Hz				
Standard Accessories	LED Lamp,USB port, probe access port(BPR-5V628 & BPR-5V968)				
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*2020	700*650*2190	1340*750*2100	1340*980*2100
Gross Weight	51kg	68kg	84kg	235kg	262kg

-25°C Freezer



268L

328L

270L/350L

Technical Parameters

Model	BDF-25V268	BDF-25V328	BDF-25V270	BDF-25V350
External Size(W*D*H) mm	673*676*1630	673*676*1886	690*744*1631	690*744*1885
Capacity	268L	328L	270L	350L
Type	Vertical			
Temp. Range	-10°C~-25°C			
Temp. Accuracy	0.1°C			
Control System	Microprocessor Control & LED Display			
Alarm	High and low temperature; sensor failure; Door ajar alarm; Thermostat alarm		High or low temperature alarm, power outage alarm,Thermostat alarm,Door switch alarm	
Refrigeration Type	Direct Refrigeration			
Refrigerant	R290, CFC free			
Compressor	International famous compressor			
Condenser & Evaporator	Wire tube condenser; Coil type evaporator			
Construction	Structure	Unibody Design & Mono-assembly foaming (Rigid polyurethane insulation material)		
	Internal Material	Spraying steel plate		SUS304
	External Material	Spraying steel plate		Cold-rolled steel coated with bacterial powder
Shelve	3pcs	4pcs	3pcs	4pcs
Consumption	180W	180W	290W	305W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%,60Hz		220V±10%, 50Hz	
Package Size(W*D*H) mm	760*760*1750	750*760*2030	810*860*1820	840*860*2050
Gross Weight	114kg	125kg	132kg	145kg

-25°C Freezer



100L

936L

Technical Parameters

Model	BDF-25V100	BDF-25V936	
External Size(W*D*H) mm	540*540*880	1304*1000*2017	
Internal Size(W*D*H) mm	410*410*670	1000*700*1335	
Capacity	100L	936L	
Type	Vertical		
Temp. Range	-10°C~-25°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, LED Digital Display		
Audible and Visual Alarm	High and low temperature alarm, sensor failure alarm, power failure alarm, door open alarm, etc.	High and low temperature alarm, sensor failure alarm, thermostat failure alarm, power failure alarm, door open alarm, ambient temperature alarm, condenser failure alarm, filter inspection alarm, abnormal voltage alarm, low battery alarm.	
Alarm Method	Sound beeps and lights flash		
Refrigeration type	Direct refrigeration		
Refrigerant	R600a	R404A	
Construction	Foam Layer Thickness	65mm	150mm
	Internal Material	HIPS	304 stainless steel
	External Material	Sprayed steel plate	
Consumption	150W	1000W	
Power Supply	AC220V±10%, 50/60Hz	AC110V/220V±10%, 50/60Hz	
Package Size (W*D*H) mm	610*625*950	1360*1135*2170	
Gross Weight	43kg	421kg	

Mixer

Vortex Mixer



Application:

Used for liquid, liquid-solid, solid (powder) mixing, the vortex mixer can mix any liquid and powder in the form of whirlpool. The mixing speed is fast, uniform, thorough. Widely used in environmental monitoring, medical and health, petrochemical, food, metallurgy, PCR laboratory, scientific research and production enterprises laboratory, laboratory, for mixing, extraction and biological, biochemical, cell, strain and other sample oscillation culture.

Features:

- * The shell is white and gray, beautiful and atmospheric.
- * New type of DC brushless motor, stepless adjustment, low noise and long effect.
- * Digital display to ensure the accuracy of time and speed.
- * Time and speed adjustment response is fast, saving experiment time.
- * Solid and reliable workmanship, excellent shock absorption, suitable for high-speed operation.
- * A variety of models and accessories are available.

Technical Parameters:

Model	BJPX-VW
Speed/Accuracy	200-3000rpm/ ±5rpm
Timing	0-9999 min/s
Amplitude Range	4mm
Oscillation Mode	Circular motion
Working Mode	Point vibration, continuous
Control Form	Pressure sensing
Power	35W
Power Supply	100-240V, 50/60Hz
Packing Size	280mm*230mm*210mm
Gross Weight	7.1kg

Accessories Technical Parameters:

Type	Item No.	Mode	Max Speed	Max Test Tube Size	Pictures	Standard/Optional
Test tube platform	XW001	Point vibration, continuous	3000rpm	Suitable for test tubes of different sizes		Standard
Flat bottom container platform	XW002	Point vibration, continuous	2000rpm	Container bottom size≤Φ80mm		Optional
Test tube holder: 19*10mm	XW003	Continuous	2000rpm	Applicable to 19 test tubes with an outer diameter of 10mm		Optional
Test tube holder: 13*12mm	XW004	Continuous	1600rpm	Suitable for 13 test tubes with an outer diameter of 12mm		Optional
Test tube holder: 12*15mm	XW005	Continuous	1600rpm	Suitable for 12 test tubes with outer diameter of 15mm		Optional
Test tube holder: 7*20mm	XW006	Continuous	1200rpm	Applicable for 7 test tubes of 20mm outer diameter		Optional
Test tube holder: 4*26mm	XW007	Continuous	1000rpm	Suitable for 4 test tubes with outer diameter of 26mm		Optional

Thermostatic Water Bath



BK-S2

BK-S6

BK-S4

Introduction:

Thermostatic Water Bath is used for incubating samples in water at a constant temperature over a long period of time, as well as for drying, concentrating, distilling chemical reagents, drugs and biological agents. It is a necessary equipment for education and scientific research in biological, genetic, viral, aquatic, environmental protection, medicine, health, biochemical laboratories and analysis rooms.

Features:

- * PID temperature control, high temperature precision, with temperature deviation alarm.
- * The water tank is made of 304 stainless steel by one time stamping process, which is resistant to high temperature, corrosion and rust.
- * All-round heating, rapid heating, adjustable lid locking temperature.
- * Equipped with a water level sensor, when the water level is lower than the sensor, it will automatically stop heating.
- * The lid of the water bath can be adapted to various sizes of containers
(inside diameter:φ39mm, φ57mm, φ77mm, 97mm).

Technical Parameters:

Model	BK-S2	BK-S4	BK-S6
Positions	2	4	6
Temp. Range	RT~100℃		
Temp. Fluctuation	±0.5℃		
Display	OLED Display		
Function	Timing function, over-temperature alarm, anti-dry protection		
Consumption	600W	1000W	1500W
Power Supply	220V±10%, 50/60Hz		
Internal Size(L*W*H) mm	300*150*150	325*300*145	505*300*150
External Size(L*W*H) mm	383*236*259	383*381*264	568*376*259
Package Size (L*W*H) mm	444*324*294	444*324*444	444*324*634
Net Weight	4.24kg	5.72kg	8.02kg
Gross Weight	4.7kg	6.2kg	8.5kg

Automated Tissue Stainer



Features:

- * 5.5-inch large LCD touch screen, real-time display of equipment working status.
- * Automatic drying function, intelligent control of hot air system, good drying effect, energy saving and durability.
- * The dyeing processing method can be customized, which can meet the requirements of various dyeing methods, various users, and various specimens.
- * Fully enclosed structure, environmentally friendly efflux air purification system, efficient treatment of toxic and harmful gases.

Technical Parameters:

Model	BK-RS1A
Cup Number	14pcs (1st is drying cup, 8th is washing cup)
Single Cup Capacity	1200ml
Each Cup Processing Time	0-59min
Dripping Time	0-30s
Slides Capacity	72pcs
Program Storage	8 sets
Noise	60dB(A)
Power	1000W
Power Supply	Standard: 220V 50/60Hz, optional: 110V 50/60Hz
Packing Size	1450*700*750mm
Gross Weight	100kg

Automated Tissue Processor



Features:

- * 5.5-inch large LCD touch screen, real-time display of equipment working status.
- * Automatic drying function, intelligent control of hot air system, good drying effect, energy saving and durability.
- * The dyeing processing method can be customized, which can meet the requirements of various dyeing methods, various users, and various specimens.
- * Fully enclosed structure, environmentally friendly efflux air purification system, efficient treatment of toxic and harmful gases.

Technical Parameters:

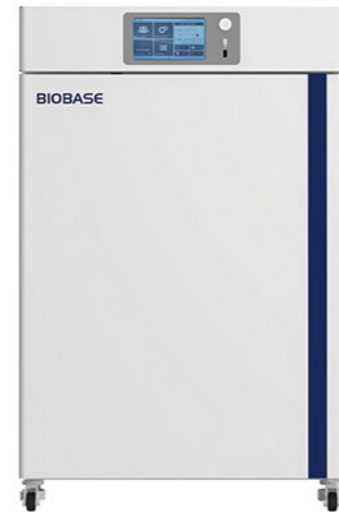
Model	BK-TS1B
Cup Number	12pcs (9pcs reagent cup, 3pcs paraffin cup)
Tissue Protective Cup	7th cup
Single Cup Capacity	1100ml
Single Cup Processing Time	0-24h
Agitation Frequency	0-6times/min, adjustable
Dripping Time	0-60s, adjustable
Processing Basket Capacity	50pcs of dehydration cassette
Program Storage	8 sets
Noise	60dB(A)
Power	600W
Power Supply	Standard: 220V 50/60Hz, optional: 110V 50/60Hz
Packing Size	1250*650*700mm
Gross Weight	88kg

Incubator

CO₂ Incubator

Features:

- * Water tank for humidity in the chamber.
- * Air jacket: equipped with UV Lamp for sterilizing;
Water jacket: equipped with HEPA filter.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality CO₂ gas filter ensures the inside gas quality.
- * SMC brand gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- * Microcomputer controller, LCD displays temperature curve, CO₂ concentration, run-time and timing.
- * High quality infrared sensor for accurate CO₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.



LCD touch screen



CO₂ gas filter



HEPA filter (for water jacket)

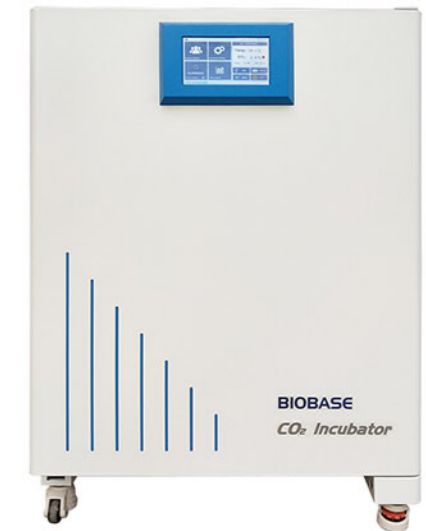
Technical Parameters:

Model	BJPX-C50		BJPX-C80		BJPX-C160	
Capacity	50L		80L		160L	
Heating	Air jacket	Air jacket	Water jacket	Air jacket	Water jacket	
Temp. Range	RT+5~60°C					
Control Type	Microcomputer controller					
Temp. Fluctuation	≤ ±0.2°C (at 37°C)					
Temp. Uniformity	≤ ±0.3°C (at 37°C)					
Time Setting	999h or continuous					
Alarm	Audible and visual alarm; over-temperature alarm; CO ₂ concentration alarm.					
Shelves	2 pcs/adjustable					
Material	External cold-rolled steel with painting; internal stainless steel					
Door	With inner door and external door					
CO ₂ Range	Infrared sensor, range 0~20%					
CO ₂ Control Resolution	0.1%					
Humidification Type	Water tank for natural evaporation					
Sterilization Type	UV lamp					
Ambient Temp. & Humidity	18~30°C, suggest 25±2°C; relative humidity ≤80%					
Caster	Footmaster caster					
Consumption	350W	600W	875W	650W	1000W	
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)					
Internal Size (W*D*H)mm	337*338*443	377*410*524	428*412*522	477*473*711	528*512*722	
External Size(W*D*H)mm	500*527*821	600*596*921	647*593*1070	700*666*1101	747*694*1260	
Packing Size (W*D*H)mm	655*685*970	735*735*1070	725*780*1225	795*835*1250	824*877*1425	
Gross Weight(kg)	68	83	108	108	145	

CO₂ Incubator

Features:

- * Air jacket: with 90°C steam sterilization function.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality infrared sensor for accurate CO₂ concentration.
- * The working chamber adopts round angle structure, easy to clean.
- * High quality CO₂ gas filter ensures the inside air quality.
- * SMC brand gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- * Push-pull shelves with holes ensures better temperature uniformity.
- * Microcomputer controller, LCD displays temperature curve, CO₂ concentration, run-time and timing.
- * Three Liters water reservoir in the bottom chamber ensures high humidity.



LCD touch screen



USB port



Push-pull shelves with holes

Technical Parameters:

Model	BJPX-C50II	BJPX-C80II	BJPX-C160II
Capacity	50L	80L	160L
Heating	Air jacket		
Temp. Range	RT+5~60°C		
Control Type	Temperature and humidity transmitter		
Temp. Fluctuation	≤ ±0.2°C(at 37°C)		
Temp. Uniformity	≤ ±0.3°C (at 37°C)		
Time Setting	999h or continuous		
Alarm	Audible and visual alarm; over-temperature alarm; CO ₂ concentration alarm.		
Shelves	2 pcs/adjustable		
Material	External cold-rolled steel with painting; internal stainless steel		
Door	With inner door and external door		
CO ₂ Range	Infrared sensor, range 0~20%;		
CO ₂ Control Resolution	0.1%		
Humidification Type	Water reservoir in the bottom chamber ensures high humidity(90%≤relative humidity≤99%)		
Sterilization Type	With 90°C moist heat decontamination function (95%≤humidity ≤99%RH)		
Ambient Temp. & Humidity	18~30°C, suggest 25±2°C; relative humidity ≤80%		
Caster	Footmaster caster		
Consumption	300W	650W	700W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)		
Internal Size (W*D*H)mm	308*392*442	368*452*517	468*552*648
External Size(W*D*H)mm	551*713*765	611*773*841	711*853*991
Packing Size (W*D*H)mm	681*843*840	705*867*978	805*967*1128
Gross Weight(kg)	85	93	120

5-Part Auto Hematology Analyzer BK-6310



Features:

- ①. Throughput: 60T/H.
- ②. 14 inch touch screen.
- ③. Tri-angle laser scatter + flow cytometry method + impedance method for counting.
- ④. 3D holographic scattergram displays the accurate 5 part differentiation of WBC.
- ⑤. Large storage capacity: 100,000 results (including histogram, scattergram, patient information).

Parameters:

Model	BK-6310			
Throughput	60 Tests/hour			
Assay Items	5 parts, 29 parameters, 3 histograms, 3D scattergram			
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide free reagent for HGB test			
Test Mode	CBC mode, CBC+DIFF mode Venous whole blood, Capillary whole blood and Prediluted			
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS# 4 Research parameter: ALY%, ALY#, IG%, IG#			
Performance	Item	Linearity range	Carry Over	CV
	WBC	0~300*10 ⁹ /L	≤ 0.5%	≤ 2.0%
	RBC	0~8.00*10 ¹² /L	≤ 0.5%	≤ 1.5%
	HGB	0~250g/L	≤ 0.5%	≤ 1.5%
	PLT	0~3000*10 ⁹ /L	≤ 1.0%	≤ 4.0%
Sample Volume	CBC+DIFF mode: ≤20μl CBC mode: ≤10μl			
Storage	100,000 results including histogram, scattergram and patient information			
Interface	4 USB ports, 1LAN port Bi-direction LIS, support HL7 protocol, Internal RFID reader			
Power Supply	AC220V±10% 50/60Hz; 110V±10% 60Hz; 400VA			
Package Size(W*D*H)	670*590*790mm			
Gross Weight	53kg			
Reagent Package Size	330*330*330mm, 400*290*240mm, 400*290*240mm			
Reagent Gross Weight	22kg, 2kg, 1kg			

Water Distiller

Electric-heating Water Distiller



Features:

- * Stainless steel material, adopt stamping and welding technology.
- * Corrosion and ageing resistance, easy to operate, safe and durable.

Technical Parameters:

Model	WD-5	WD-10	WD-20
Water Output	≥5L/H	≥10L/H	≥20L/H
Consumption	5KW	7.5KW	15KW
Power Supply	AC110/220V, 50/60Hz	380V, 50Hz	380V, 50Hz
External Size(Φ*H)	310*700mm	355*820mm	405*677mm
Package Size(W*D*H)	360*360*820mm	360*350*900mm	540*390*740mm
Gross Weight	7.5kg	8.5kg	11.5kg

Auto-control Electric-heating Water Distiller



Features:

- * Stainless steel material, adopt stamping and welding technology.
- * Water shortage and power-off alarm.
- * Power, heating indicator and show water shortage.

Technical Parameters:

Model	WD-A5	WD-A10	WD-A20
Water Output	≥5L/H	≥10L/H	≥20L/H
Consumption	5KW	7.5KW	15KW
Power Supply	AC110/220V, 50/60Hz	380V, 50Hz	380V, 50Hz
External Size(Φ*H)	310*740mm	235*855mm	415*720mm
Package Size(W*D*H)	360*360*830mm	360*360*920mm	535*380*770mm
Gross Weight	8kg	9.5kg	13kg

Auto Hematology Analyzer BK-3100



Features:

- ① 9.7-inch color touch LCD screen, easy to operate, display all parameters and histograms on the same screen.
- ② Fewer samples are required for testing: whole blood≤10ul, pre-diluted≤20ul.
- ③ 60 samples/hour.
- ④ 21 parameters + 3 histograms.
- ⑤ It can be turned on continuously for 24 hours.
- ⑥ Automatically clean the sampler, counting pool and pipeline after starting up.
- ⑦ Built-in thermal printer, external printer can be connected.
- ⑧ Electrical impedance method, cyanide-free detection of HGB.
- ⑨ Fully intelligent blockage removal and alarm function.
- ⑩ Both automatic calibration and manual calibration are available.
- ⑪ Counting Mode: Venous, capillary, prediluted.
- ⑫ Support LIS system.

Technical Parameter:

Model	BK-3100					
Throughput	60 samples/hour					
Principle	Impedance for WBC differentiation and WBC/RBC/PLT count; Colorimetric method for HGB					
Channels	2					
Parameters	21 parameters(including WBC, Mid#, Lym#, Gran#, Mid%, Lym%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC)					
Histograms	3 histograms (including WBC, RBC, PLT histograms)					
Sample Volume	Whole blood: 10µl, Prediluted: 20µl					
Calibration	Manual, auto calibration					
Counting Modes	Venous, capillary, prediluted					
Printing Model	Auto print, manual print					
LIS	Support Bi-directional LIS					
Language	Chinese, English, Spanish, French, Russian, Ukrainian					
Reagent	Diluent 20L, Hemolytic agent 500ml, Probe cleanser: 50ml					
Data Input	9.7-inch touch screen, mouse, keyboard (optional)					
Output	Internal printer, support external printer					
Printer Paper	57*30mm					
Interface	4 USB ports, network port, RS232 serial port					
Storage	100,000 results with histogram					
Unclog	High voltage burn, reverse high-pressure flush					
Work Temperature	15-30°C					
Power Supply	100~240 AC, 50/60Hz, 150VA					
Relative Humidity	30%~85%					
Atmospheric Pressure	70.0kPa-110.0kPa					
Carry-Over Rate	Parameter	WBC	RBC	HGB	PLT	
	CV	≤ 1.5%	≤ 1%	≤ 1%	≤ 3%	
Background	Parameter	WBC	RBC	HGB	HCT	PLT
	Background	≤ 0.3*10 ⁹ /L	≤ 0.03*10 ¹² /L	≤ 1 g/L	≤ 0.5%	≤ 10*10 ⁹ /L
Linearity	Parameter	Measurement range			CV	
	WBC	(0.5~10.00*10 ⁹)/L	(10.10~99.9*10 ⁹)/L	(±0.5*10 ⁹)/L	±5%	
	RBC	(0.05~1.00*10 ¹²)/L	(1.01~9.99*10 ¹²)/L	(±0.05*10 ¹²)/L	±5%	
	HGB	(2~70g)/L	(71~300.0g)/L	(±2.0g)/L	±2%	
	PLT	(10~100*10 ⁹)/L	(101~999*10 ⁹)/L	(±10.0*10 ⁹)/L	±8%	
Precision	Parameter	Whole blood (CV)	Pre-diluted (CV)	Measurement range		
	WBC	≤ 2.0%	≤ 4.0%	(4.0-15.0*10 ⁹)/L		
	RBC	≤ 1.6%	≤ 3.0%	(3.5-6.0*10 ¹²)/L		
	HGB	≤ 1.6%	≤ 3.0%	(110.0-180.0g)/L		
	PLT	≤ 4.0%	≤ 8.0%	(150.0-500.0*10 ⁹)/L		
External Size(W*D*H)	295*467*418mm					
Packed Size(W*D*H)	Instrument: 404*564*616mm; Reagent: 480*480*480mm					
Net Weight	19 kg					
Gross Weight	Instrument: 31kg; Reagent: 25 kg					

Horizontal Cylindrical Pressure Autoclave



Features:

* Brand New Operation Interface

The LCD touch screen can display temperature, time, operating status, and fault alarm in real time, making the sterilization information more intuitive and clear, and it is convenient for users to observe the operating status of the equipment.

* Drying Function

With auxiliary drying function, it is used to dry sterilized items.

* Protection Device

Equipped with over-temperature and over-pressure automatic protection devices.

* Steam Generator

The equipment has a built-in high-speed steam generator, which saves time and effort without external steam source.

* Automatic Operation of The Program

The equipment is externally connected to the water source, and there is no need for manual water replenishment. After the customer selects the program, the equipment can complete the entire process from water injection to drying without human intervention. After the program is completed, the sound prompts that the sterilization is complete.

Technical Parameters:

Model	BKQ-H150	BKQ-H200	BKQ-H300	BKQ-H400
Volume	150L	200L	300L	400L
Design Pressure	0.28MPa			
Rated Operating Temperature	121°C/134°C			
Rated working pressure	0.12MPa/0.23MPa			
Chamber Material	S30408			
Power Supply	Standard: 380V 50/60Hz three phase; optional: 220V 50/60Hz three phase, 220V 50/60Hz one phase			
Rated Power	16kW			
Ambient Temperature	5-40°C			
Sterilization Time Adjustable Range	0-99min			
Adjustable Drying Time Range	0-99min			
Adjustable Drying Temperature Range	115°C-134°C			
Chamber Size (Φ * L) mm	Φ500*820	Φ500*1050	Φ650*935	Φ650*1235
Packing Size (L*D*H) mm	1370*820*1880	1600*820*1880	1650*950*1980	1950*950*1980
Gross Weight (kg)	320	355	475	535

Dental Chair



Dimmable induction LED oral cavity light



Multifunctional foot switch



Ceramic spittoon



Instrument tray

Application:

Dental chairs are used in stomatology, medical institutions or dental clinics. The dental chair is used by trained dentists or dental technicians for oral diagnosis, treatment and surgery.

Technical Parameters:

Model	PEONY-2301
High speed handheld machinery tube	2 sets
Low speed handheld machinery tube	1 set
Ceramic spittoon	1 set
Motor-driven dental chair control system	1 set
24V DC mute motor	1 set
Dimmable induction LED oral cavity light	1 set
Low pressure film viewer	1 set
Independent saliva ejector with high&low suction	1 set
Handpiece purified water switch system	1 set
Tap-mountad instrument fray with air brake	1 set
3-way syring (cold/hot water)	1 set
Multifunctional foot switch	1 set
Operating stool	1 set
Power Supply	220V±10%, 50/60Hz;110±10%, 60Hz
Package Size(L*W*H)	1400*1000*1000 mm
Net/Gross Weight	135kg/180kg

Optional Accessories:

High speed handheld machinery	2 sets
Low speed handheld machinery	1 set
Fiber high speed handheld machinery	1 set
Fiber low speed handheld machinery	1 set
Built-in dental cleaning machine	1 set
Optical fiber circuit board + optical fiber hand-held mechanical tube	1 set
Dental endoscope	1 set
Dental built-in light curing	1 set
Built-in electric motor kit	1 set
Operating stool	1 set
Oilless Air Compressor(HY-100 or HY-200)	1 set
HY-100 can support one dental chair, HY-200 can support two dental chairs.	