

8-Channel Pipette



Introduction:

The 8-channel pipette is a measuring tool that moves liquid from the original container to another container within a certain measuring range. The unit is microliter(μl). It is characterized by precision and convenience, and is widely used in biological and chemical fields. It is often used for the removal of a small amount or trace liquid in the laboratory. Different specifications of pipettes are matched with different sizes of pipette tips.

Application:

School laboratory, chemical synthesis, pharmaceutical research and development center, pharmaceutical research and development company.

Features:

- * Precise liquid separation, calibrated according to EN/ISO8655 standard.
- * Digital window, easy to set the range, at a glance.
- * Ergonomic, light and convenient, comfortable grip.
- * Can be autoclave, and will not affect the performance and comfort.

Technical Parameters:

Volume Range	Increment	Test Volume(μl)	Maximum Permissible Systematic Error		Maximum Permissible Random Error	
0.5-10 μl 8-channel	0.1 μl	1	1.0%	0.01 μl	1.8%	0.018 μl
		5	0.4%	0.02 μl	0.4%	0.02 μl
		10	0.5%	0.05 μl	1.1%	0.11 μl
5-50 μl 8-channel	0.5 μl	5	2%	0.1 μl	1.1%	0.055 μl
		25	1.3%	0.325 μl	0.7%	0.175 μl
		50	0.6%	0.3 μl	1.5%	0.75 μl
50-300 μl 8-channel	5 μl	50	0.2%	0.1 μl	0.8%	0.4 μl
		150	0.3%	0.3 μl	0.2%	0.2 μl
		300	0.3%	0.6 μl	0.1%	0.2 μl

Pipettes

Micro Pipette(Disinfection of Half)



Application:

Mechanical Pipette is suitable for pharmaceutical R&D centers, school laboratories, pharmaceutical and chemical R&D companies, chemical synthesis and other places.

Features:

- * Light weight and ergonomic design to ensure a better sense of use.
- * Digital display, easy to read data.
- * The pipettes cover volume range of 0.5µl to 1ml.
- * Easy to calibrate and maintain.
- * The low part can be autoclaved without affecting performance and comfort.
- * Manufactured from innovative materials.

Technical Parameters:

Volume	Increment	Test Volume(µl)	Capacity Tolerance(%)	Test Repeatability(%)
0.5-10µl	0.1µl	1	±2	≤3
		5	±1.5	≤2
		10	±1	≤2
2-20µl	0.1µl	2	±2	≤3
		10	±1.5	≤2
		20	±1	≤2
10-100µl	1µl	10	±2	≤2
		50	±1.5	≤1
		100	±1	≤1
20-200µl	1µl	20	±2	≤2
		100	±1.5	≤1
		200	±1	≤1
100-1000µl	5µl	100	±2	≤1
		500	±1	≤0.5
		1000	±1	≤0.5

Micro Pipette(Disinfection of the Whole)



Application:

Micro Pipette is suitable for pharmaceutical R&D centers, school laboratories, pharmaceutical and chemical R&D companies, chemical synthesis and other places. It is often used in the laboratory to pipette a small amount of liquid or a small amount of liquid. The specifications are different, and the pipette tips of different specifications are matched with different sizes of pipette tips.

Features:

- * The pipettes are autoclavable in their entirety without compromising performance or comfort.
- * Light weight and ergonomic design to ensure a better sense of use.
- * The pipettes cover volume range of 0.5µl to 1ml.
- * The interior of the product has good air tightness, stable and accurate, and no liquid leakage.
- * Easy to calibrate and maintain.
- * Digital display, easy to read data.

Technical Parameters:

Volume	Increment	Test Volume(µl)	Capacity Tolerance(%)	Test Repeatability(%)
0.5-10µl	0.1µl	1	±12	≤6
		5	±8	≤4
		10	±8	≤4
2-20µl	0.1µl	2	±12	≤6
		10	±8	≤4
		20	±4	≤2
10-100µl	1µl	10	±8	≤4
		50	±3	≤1.5
		100	±2	≤1
20-200µl	1µl	20	±4	≤2
		100	±2	≤1
		200	±1.5	≤1
100-1000µl	5µl	100	±2	≤1
		500	±1	≤0.5
		1000	±1	≤0.5

Vertical Autoclave



Application Range:

There are 5 fixed programs and 2 DIY programs according to different sterilization objects such as dressings, equipment, tools, rubber, liquid, culture medium, waste, etc.

Safety Features:

- * **Over pressure:** safety valve can automatically open to release pressure.
- * **Over temperature:** the system will power off automatically.
- * **Door sensor:** Sensor at door closing position, to check the door status. If door is open, operation will stop.
- * **Anti-dry out function:** If water level is too low, system will power off and error code displays on screen.
- * **Over current:** over voltage or electric leakage protection apparatus-air switch.
- * **Door cover:** The door is covered with safety shell made of thermal insulation material, which can protect operator from burning by heat and looks nice.

Technical Features:

- * Water inlet filter to keep high water quality (except BKQ-B150/200II).
- * Optional printer for recording sterilization data.
- * LED screen displays all steps of full process as well as error codes.
- * Independent quick service window, easy for repairing and maintenance.
- * Automatic selecting quick or low exhaust to avoid sterilization liquid overflowing.
- * Sterilization programs for dressings, equipment, rubber, culture medium, waste, etc.
- * Hand wheel type of quick-open door structure, self-expandable sealing ring, easy operating and safe.
- * Complete process of filling water, dynamic pulse exhaust, heating, sterilizing and draining runs automatically.
- * Adopting certain temperature (98~102°C) exhaust method and dynamic pulse exhaust method to completely empty the cold air inside chamber for ensuring steam saturability.
- * Inner stainless steel water tank for water and steam to circulate inside. Steam does not exhaust during sterilization, so as to keep the outside clean and dry (except BKQ-B150/200II).
- * Drying function (except BKQ-B150/200II).
- * Optional stainless steel bucket (except BKQ-B150/200II).
- * Standard 1 pcs stainless steel tray(except BKQ-B150/200II).

Technical Parameters:

Model	BKQ-B50II	BKQ-B75II	BKQ-B100II	BKQ-B120II	BKQ-B150(II)	BKQ-B200(II)
Capacity	50L	75L	100L	120L	150L	200L
Chamber Size(mm)	φ386*514	φ386*695	φ386*875	φ386*1055	φ500*760	φ500*1000
Chamber Material	S30408					
Designed Pressure	0.28Mpa			0.217Mpa		
Designed Temp	134°C			138°C		
Working Pressure	0.23MPa			0.217MPa		
Working Temp.	105~136°C			50~134°C		
Temp. Display Accuracy	0.1°C					
Timing Range	0~999min				0~99h	
Dynamic Pulse Exhaust Times	0~9 times				/	
Dynamic Pulse Exhaust Temp.	105~136°C					
Temp. Holding Range	45~60°C (programmable)				50~100°C (programmable)	
Consumption	4.4kW	4.7kW	5.2kW	5.2kW	6kW	
Power Supply	AC110/220V±10%, 50/60Hz				380V, 50Hz/220V, 50/60Hz	
Standard SS Basket	1 pcs	2 pcs	2 pcs	3 pcs	3 pcs	4 pcs
External Size(W*D*H)mm	640*550*980	640*550*1080	640*550*1280	640*550*1380	650*650*1400	650*650*1700
Package Size(W*D*H)mm	750*745*1100	750*745*1240	750*745*1450	750*745*1540	800*760*1530	800*760*1720
Gross Weight(kg)	102	112	125	140	213	238

Note: It is applicable to the altitude below 3,000m

Laboratory Refrigerator



656L



1500L

Technical Parameters

Model	BPR-5V650	BPR-5V1500
External Size(W*D*H) mm	1220*642*1885	1800*775*1965
Capacity	656L	1500L
Temp. Range	2~8°C	
Temp. Accuracy	0.1°C	
Control System	Microprocessor Control & Large Screen LED Display	
Alarm	Audible and visual alarm for: High and low temperature, Thermostat fault, Door Ajar, Power Failure	Senor fault, door Ajar
Refrigeration Type	Forced air refrigeration system	
Refrigerant	R290	R134a, CFC Free
Condenser&Evaporator	High efficiency air-cooled condenser, made of copper	
Defrost	Frostless design	
Construction	Structure	Unibody design & Mono-assembly foaming (rigid polyurethane insulation material)
	Internal Material	Spraying steel plate Stainless steel
	External Material	Spraying steel plate Stainless steel
Shelves	Adjustable shelves made of high quality steel wire	
	10 pcs	12 pcs
Consumption	385W	1040W
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessory	LED lamp, Shelves, Door keys, Testing hole (only for BPR-5V650), Battery	
Package Size(W*D*H) mm	1335*715*2000	1880*820*2150
Gross Weight	189kg	319kg

-25°C Freezer (Separate Refrigerator)



300L



368L

Technical Parameters

Model	BDF-25V300RF	BDF-25V368	
External Size(W*D*H) mm	650*620*1980	720*830*1870	
Capacity	Refrigerator:198L, internal size 565*480*759mm Freezer:102L, internal size 461*465*600mm	Upper:189L Lower:179L	
Temp.Range	Refrigerator: 2°C~8°C; Freezer: -10°C~-25°C	Upper: 2°C~8°C Lower: -10°C~-25°C	
Temp. Accuracy	0.1°C		
Control System	Microprocessor control		
Alarm	Sensor failure alarm, high or low temperature alarm, open the door alarm; Thermostat failure, power failure alarm		
Cooling Method	Direct cooling	Upper: Air refrigeration; Lower: Direct cooling	
Refrigerant	R290, CFC free	CFC free	
Condenser	Aluminum and iron pipes	Wire tube condenser	
Construction	Structure	Unibody design and thickened environmental protection foam insulation layer	
	Internal Material	PS plate	Cold- rolled steel coated with
	External Material	Pre-coated galvanized plate	anti-bacteria powder
Shelf / Drawer	Refrigerator: 2 shelves Freezer: 3 drawers	Upper:3 plastic dipping shelves Lower:2 plastic dipping shelves, 6 PS drawers	
Consumption	333W	300W	
Power Supply	Standard:220V 50/60Hz, optional:110V 60Hz		
Package Size(W*D*H) mm	720*695*2015	775*920*1990	
Gross Weight	120kg	166kg	

Cytology Centrifuge



Introduction:

Cytology Centrifuge BKC-TL4Cyo is widely used in immunohematology laboratory, hospital laboratory, research laboratory, can carry out red blood cell serological experiments, antigen and antibody identification experiments and Coombe experiments, etc., suitable for all body fluid cells. Films (such as ascites, sputum, pericardial fluid, urine, joint fluid, cerebral effusion, puncture fluid, bronchial fluid, etc.).

Features:

- * The whole machine adopts steel structure and stainless steel centrifugal chamber.
- * Embedded microprocessor control, DC brushless motor drive, maintenance-free, smooth operation.
- * Push-button programming design, digital tube display, real-time display of all operating parameters, intuitive and simple operation.
- * Alarm monitoring function, real-time monitoring of lock and motor status, safe and reliable operation.
- * Centrifugal speed, centrifugal time and other parameters can be set, and real-time display of centrifugal force.

Technical Parameters:

Model	BKC-TL4Cyo
Max. Capacity	12 cards
Max. Speed	3000rpm
Max. RCF	1026×g
Timing Range	1s~99min
Speed Precision	±10rpm
Noise	≤55dB
Consumption	150W
Power Supply	AC220V, 50/60Hz(Standard); 110V 60Hz (Optional)
External Size(L*W*H) mm	340*425*278
Net Weight(kg)	21
Package Size(L*W*H) mm	456*546*456
Gross Weight(kg)	23.5kg

Microplate Centrifuge



Rotor:

Capacity: 2*2*96well
Speed: 4000 rpm RCF: 2361 xg

Introduction:

The microplate centrifuge BL-4Mi is often used in PCR experiments to quickly remove droplets from the lower wall and significantly improve the experimental results. It is suitable for skirted, non-skirted and various standard PCR microplates, suitable for biochemical, Molecular biology, ELISA and isolation of general experimental samples, etc.

Features:

- * The 5-inch touch LCD screen supports language customization, and the operation interface is intuitive and simple.
- * It adopts electromechanical integration door lock, which is easy to use, safe and reliable.
- * Silicone integral sealing ring is used to avoid aerosol overflow and ensure the safety of staff.
- * With self-test, stall, overspeed, unbalance and other detection and alarm functions.
- * Excellent shock absorption device to ensure the smoothness of the motor.
- * Multiple groups of user-defined programs can be stored.

Technical Parameters:

Model	BKC-TL4MP
Max. Capacity	2*2*96-well microplate
Max. Speed	4000rpm
Max. RCF	2361×g
Timing Range	1~99H59min/ Continuous/Short-spin
Speed Precision	±30rpm
Noise	≤65dB
Consumption	500W
Power Supply	AC220V, 50/60Hz(Standard);110V,60Hz(Optional, External transformer)
External Size(L*W*H) mm	440*580*370
Net Weight(kg)	41
Package Size(L*W*H) mm	560*700*525
Gross Weight(kg)	50