

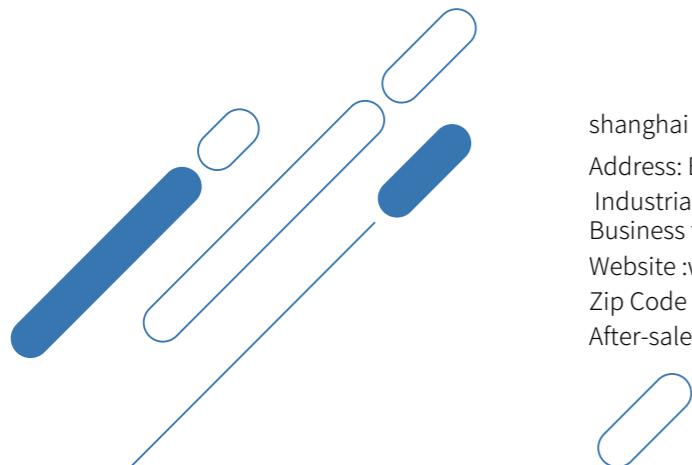
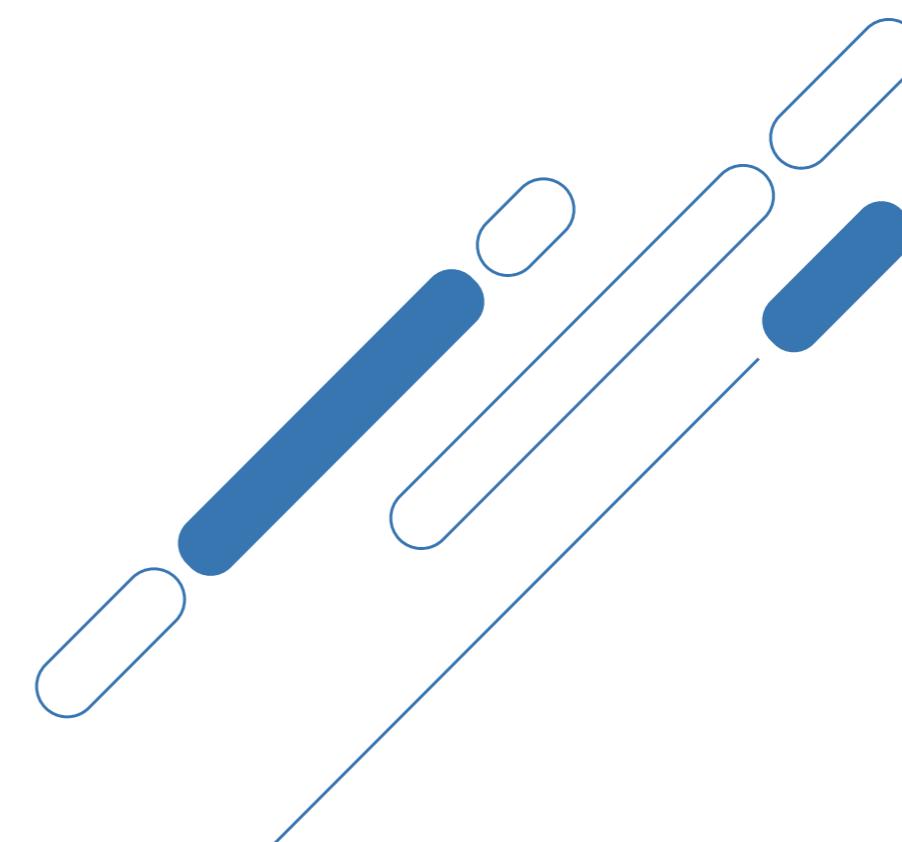
COOPERATION, WIN-WIN, INNOVATION AND DEVELOPMENT



Shanghai QiuJing Biochemical Reagent Instrument Co., Ltd



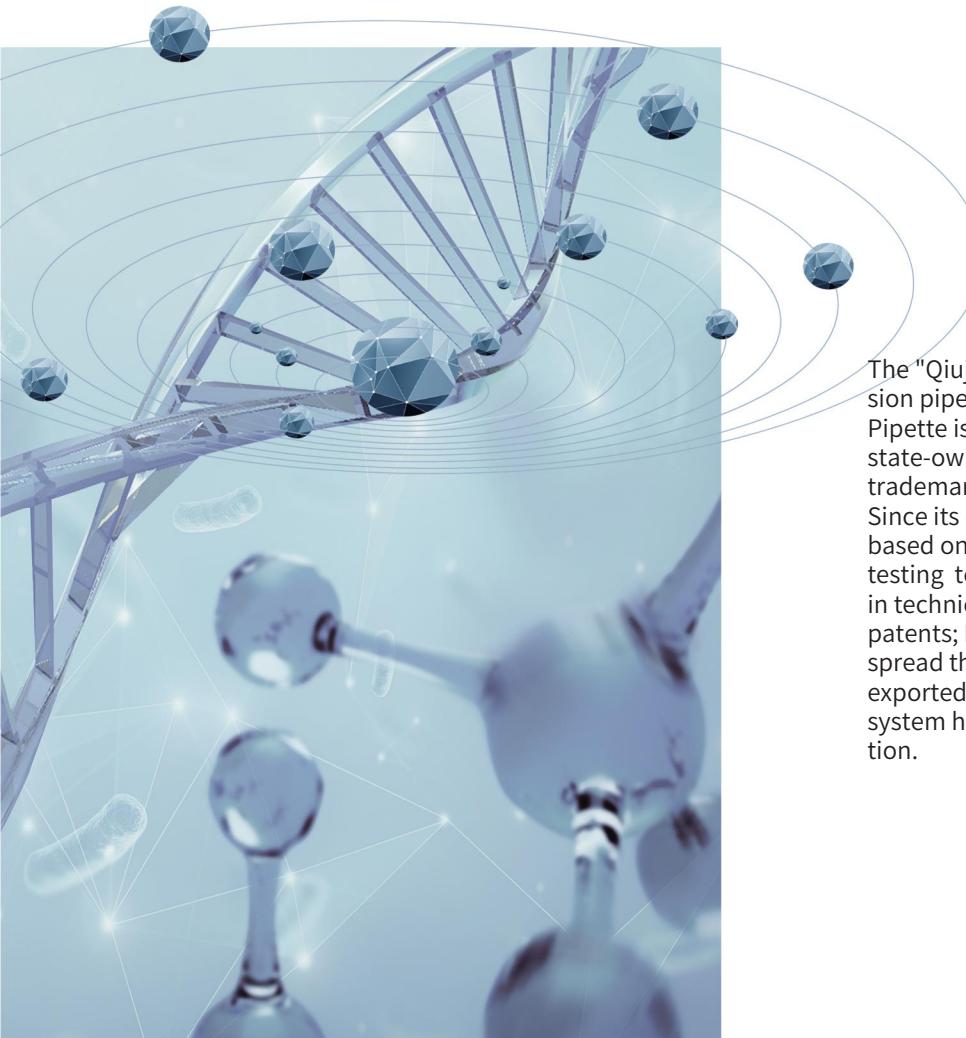
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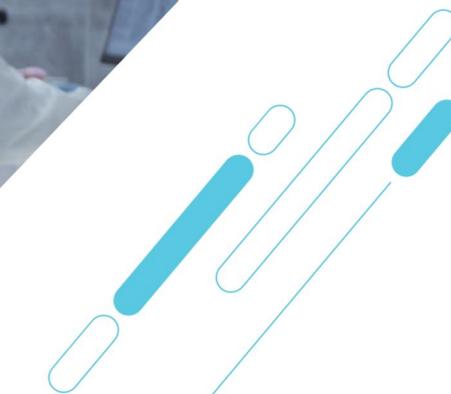
QIU JING instrument · Well-built · Trustworthy



Entering
QiuJing Biochemical Reagent Instrument Co., Ltd



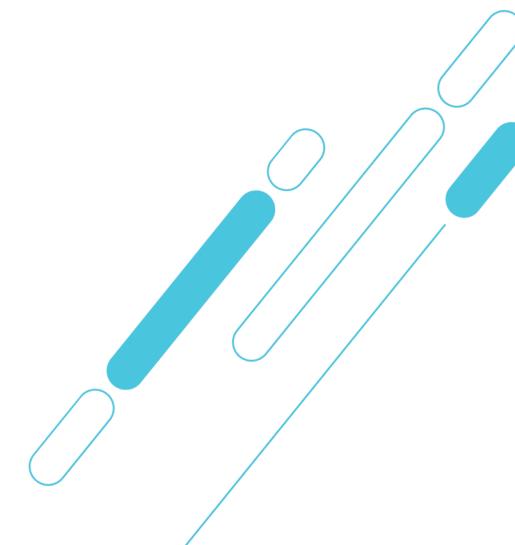
The "QiuJing" brand was founded in 1988 and is a precision pipette developed and produced in China. Pipette is the pioneer of replacing imported products with state-owned products, and The Chinese and English trademarks were officially registered in 1992. Since its establishment, the "QiuJing" brand has been based on the principle of advanced production and testing technology and overcome multiple breakthroughs in technical difficulties, obtaining multiple technical patents; Meanwhile our sales and service network is spread throughout the country, and our products are exported overseas; QiuJing's quantity management system has also obtained 13485 quality system certification.

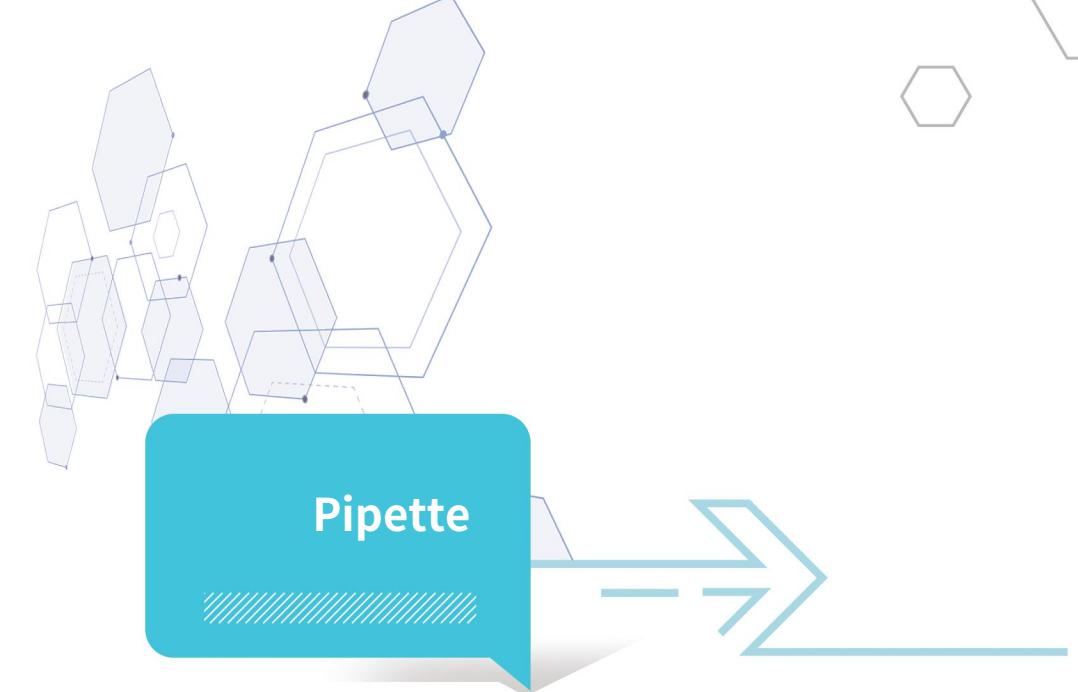


Integrity
Quality
Technology

Integrity-based customer first
Simple, efficient and innovative
Be as good as you can be







Characteristics and advantages



Lucky Series

Pipette is widely used in today's society. Pipette is very comfortable to use, and it's more humanized. Compared to measuring cylinders, handling hazardous chemicals is safer. Pipette is accurate and can be accurately measured when transporting solutions. Pipette saves time, improves the efficiency of laboratory work. The multi-channel Pipette is a high-precision, ideal for high efficiency and repeatability. It can be used for various liquids, including foam liquid, body, high vapor pressure liquid and high viscosity liquid. Refine the brand's newly upgraded LUCKY series. Pipette is divided into single channel, 8-channel and 12-channel multi-function Pipette. Design with Ergonomic, with a wider range from a minimum of 0.1μL to a maximum of 10mL, and higher accuracy. With reliable features, it can better meet the diverse application needs of modern laboratories. Impact resistance, Resistant to UV and chemical corrosion, better able to meet long-term stable liquid transfer work, and the nozzle. The components are made of specific materials and can be disassembled to support high-temperature and high-pressure sterilization, as well as independent range calibration, and so on.

Product series	Product number	Product specification	Product name
Lucky	23010100002	0.1~2.5μL	Lucky manual single-channel adjustable pipette 0.1-2.5μL
	23010100010	0.5~10μL	Lucky manual single-channel adjustable pipette 0.5-10μL
	23010100020	2~20μL	Lucky manual single-channel adjustable pipette 2-20μL
	23010100050	5~50μL	Lucky manual single-channel adjustable pipette 5-50μL
	23010100100	10~100μL	Lucky manual single-channel adjustable pipette 10-100μL
	23010100200	20~200μL	Lucky manual single-channel adjustable pipette 20-200μL
	23010101000	100~1000μL	Lucky manual single-channel adjustable pipette 100-1000μL
	23010105000	1000~5000μL	Lucky manual single-channel adjustable pipette 1-5mL
	23010110000	10000~10000μL	Lucky manual single-channel adjustable pipette 1-10mL
	23010800010	8-0.5~10μL	Lucky manual 8-channel adjustable pipette 0.5-10μL
	23010800050	8-5~50μL	Lucky manual 8-channel adjustable pipette 5-50μL
	23010800300	8-50~300μL	Lucky manual 8-channel adjustable pipette 50-300μL
	23011200010	12-0.5~10μL	Lucky manual 12-channel adjustable pipette 0.5-10μL
	23011200050	12-5~50μL	Lucky manual 12-channel adjustable pipette 5-50μL
	23011200300	12-50~300μL	Lucky manual 12-channel adjustable pipette 50-300μL



Single-channel parameter list

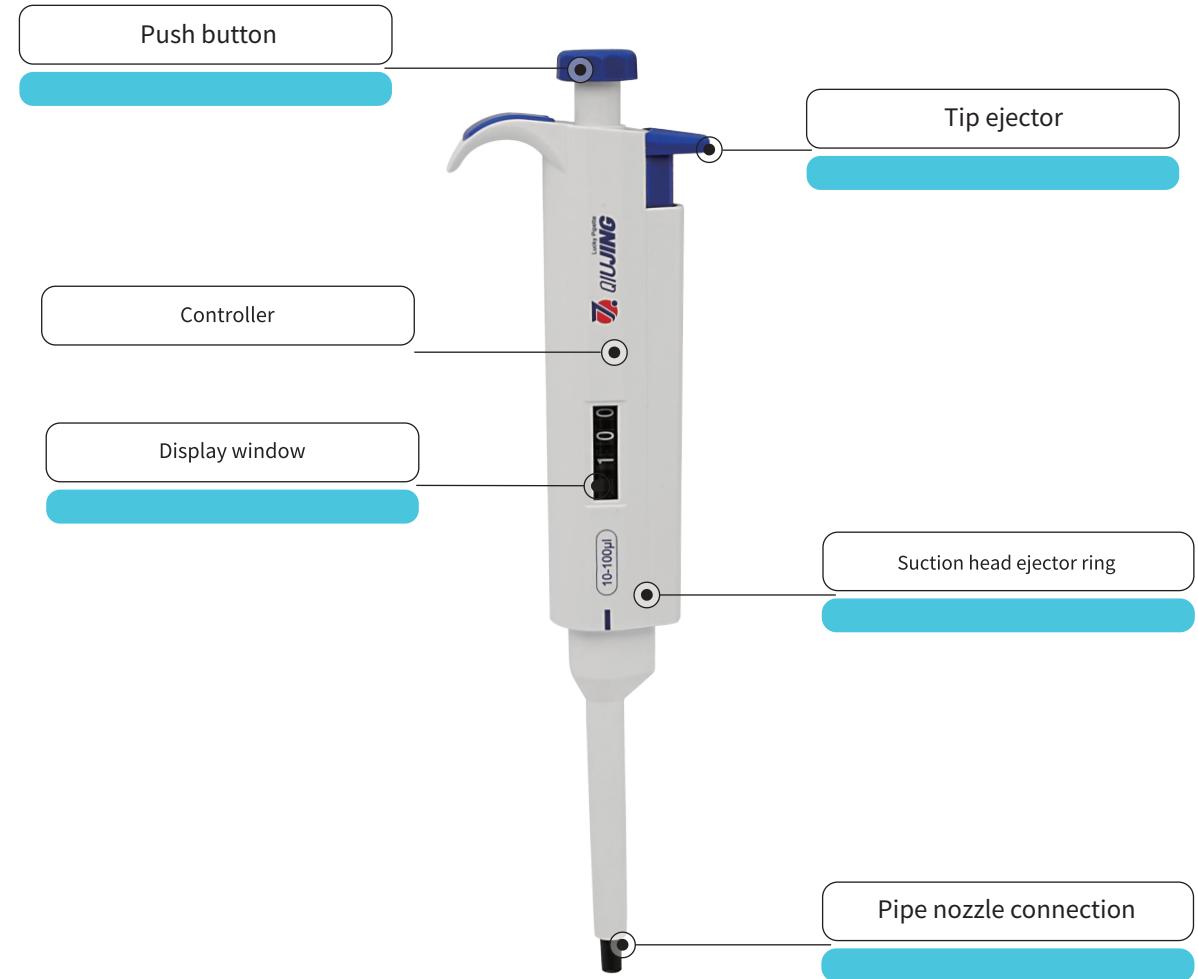
Product number	Specification	Increment	Test volume	Maximum allowable error	
				μL	Inaccuracy %
23010100002	0.1~2.5μL	0.05μL	2.5μL	±2.50%	2.00%
			1.5μL	±3.00%	3.00%
			0.25μL	±12.00%	6.00%
23010100010	0.5~10μL	0.1μL	10μL	±1.00%	0.80%
			5μL	±1.50%	1.50%
			1μL	±2.50%	1.50%
23010100020	2~20μL	0.5μL	20μL	±0.90%	0.40%
			10μL	±1.20%	1.00%
			2μL	±3.00%	2.00%
23010100050	5~50μL	0.5μL	50μL	±0.60%	0.30%
			25μL	±0.90%	0.60%
			5μL	±2.00%	2.00%
23010100100	10~100μL	1.0μL	100μL	±0.80%	0.20%
			50μL	±1.00%	0.40%
			10μL	±3.00%	1.00%
23010100200	20~200μL	1.0μL	200μL	±0.60%	0.20%
			100μL	±0.80%	0.30%
			20μL	±2.50%	0.80%
23010101000	100~1000μL	5.0μL	1000μL	±0.60%	0.20%
			500μL	±0.70%	0.25%
			100μL	±2.00%	0.70%
23010105000	1000~5000μL	50.0μL	5000μL	±0.50%	0.20%
			2500μL	±0.60%	0.30%
			1000μL	±0.70%	0.30%
23010110000	1000~10000μL	100μL	10000μL	±0.60%	0.20%
			5000μL	±1.20%	0.30%
			1000μL	±3.00%	0.60%

8-channel parameter list

Product number	Specification	Increment	Test volume	Maximum allowable error	
				μL	Inaccuracy %
23010800010	0.5-10μL	0.1μL	10μL	±1.50%	1.50%
			5μL	±2.50%	2.50%
			1μL	±4.00%	4.00%
23010800050	5-50μL	0.5μL	50μL	±1.00%	0.50%
			25μL	±1.50%	1.00%
			5μL	±3.00%	2.00%
23010800300	50-300μL	5μL	300μL	±0.70%	0.25%
			150μL	±1.00%	0.50%
			50μL	±1.50%	0.80%

12-channel parameter list

Product number	Specification	Increment	Test volume	Maximum allowable error	
				μL	Inaccuracy %
23011200010	0.5-10μL	0.1μL	10μL	±1.50%	1.50%
			5μL	±2.50%	2.50%
			1μL	±4.00%	4.00%
23011200050	5-50μL	0.5μL	50μL	±1.00%	0.50%
			25μL	±1.50%	1.00%
			5μL	±3.00%	2.00%
23011200300	50-300μL	5μL	300μL	±0.70%	0.25%
			150μL	±1.00%	0.50%
			50μL	±1.50%	0.80%



Pipette operation

A. Set the range

* The display window of the handle can clearly display the pipette amount. The amount of pipette is set by turning the operating button clockwise or counterclockwise (only for adjustable pipettes).

* When setting the range, please note: Rotate to the desired range; The numbers are clearly displayed in the display window; The measuring range is within the range of pipette. Do not screw the button out of range, Otherwise it will jam the mechanism and damage the pipette.

B. Pipetting technique

Forward pipetting:

* Make sure the pipette tip is tightly attached to the tip nozzle connection. Move the push button slowly and evenly for optimal pipetting, especially when transferring viscous liquids.

* Keep the pipette vertical when aspirating. At the same time, ensure that the specimen liquid and solution tank are clean, and the pipette, tip, and liquid temperature are the same.

1) Press the push button to the first stop point.

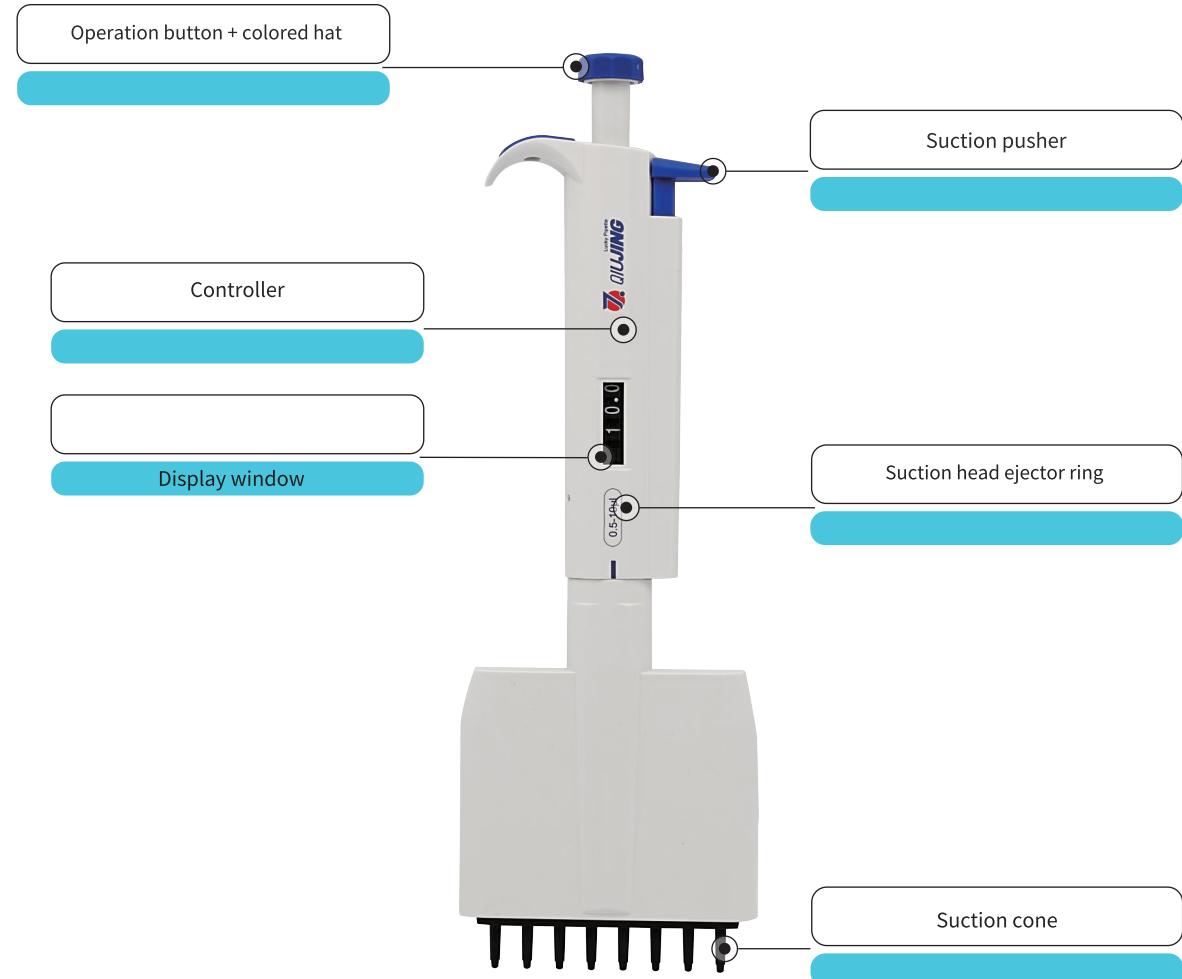
2) Plunge the suction head into the liquid level 2-3 mm, gently release the operation button (back to the origin). Carefully lift the tip away from the liquid level and place it on the container wall to remove excess liquid.

3) Tap the button to the first stop point, and the liquid will be discharged. Pause for a moment and continue to press the operation button to the second stop point (i.e. blow out). This step will empty the tip and ensure accurate fluid transfer.

4) Release the button and return to the starting point.

3. Storage

* If the pipette is not in use, it is recommended to hang it vertically on the pipette rack.



Pipette operation

A. Set the range

* The display window of the handle can clearly display the pipette amount. The amount of pipette is set by turning the operating button clockwise or counterclockwise (only for adjustable pipettes).

* When setting the range, please note: Rotate to the desired range; The numbers are clearly displayed in the display window; The measuring range is within the range of pipette. Do not screw the button out of range, Otherwise it will jam the mechanism and damage the pipette.

B. Pipetting technique

Forward pipetting:

* Make sure the pipette tip is tightly attached to the tip cone. Move the action button slowly and evenly for optimal pipetting, especially when transferring viscous liquids.

* Keep the pipette vertical when aspirating. At the same time, ensure that the specimen liquid and solution tank are clean, and the pipette, suction head, and liquid temperature are the same.

1) Press the operation button to the first stop point.

2) Plunge the suction head into the liquid level 2-3 mm, gently release the operation button (back to the origin). Carefully lift the suction head away from the liquid level and place it on the container wall to remove excess liquid.

3) Tap the button to the first stop point, and the liquid will be discharged. Pause for a moment and continue to press the operation button to the second stop point (i.e. blow out). This step will empty the suction head and ensure accurate fluid transfer.

4) Release the button and return to the starting point.

3. Storage

* If the pipette is not in use, it is recommended to hang it vertically on the pipette rack.



Airy Series



Core technology of MINI Pipette

Mini Pipette Airy series Pipette is an ergonomic product specifically designed for industries with relatively stable pipette operation in experimental, animal husbandry, food industry, and other fields. The mini Pipette is lighter in weight and smaller in volume, which is convenient to hold by hands. Relax control, reducing hand fatigue caused by repeated operations. The product specifications are comprehensive and we support range customization, making it more suitable for customized instrument matching in the laboratory. The single range design for liquid transfer is more accurate than before.



E-flow Series

Advantages of electric large capacity pipette

Fingertip control of the suction and liquid separation buttons to ensure the accuracy of pipetting; PVDF material, corrosion resistance; Replaceable lithium battery, long service time, intermittent work for 8 hours, charging time 2-3 hours;

Product series	Product number	Product specification	Product name
Mini pipette Airy	A2301000010	10μL	Mini secure the pipette 10μL
	A2301000020	20μL	Mini secure the pipette 20μL
	A2301000025	25μL	Mini secure the pipette 25μL
	A2301000050	50μL	Mini secure the pipette 50μL
	A2301000075	75μL	Mini secure the pipette 75μL
	A2301000100	100μL	Mini secure the pipette 100μL
	A2301000200	200μL	Mini secure the pipette 200μL
	A2301000300	300μL	Mini secure the pipette 300μL

Technical parameter	
Aspiration Speed	25ml<3.5s
Separation velocity	5 adjustable levels, gravity/electric drainage
Battery	Lithium-ion
Battery operating time	Intermittent use for more than 8 hours
ChargingTime	2.5 hours
Pipette Types	Plastic tube or glass tube (0.1-100mL);Pasteur sterilizing tube
Filter	0.22-micron hydrophobic filter
Weight	230g



Lotus series FULLY AUTOCLAVABLE

Technical characteristics

Lotus series pipette adopts a new structure design, ergonomic, can effectively alleviate the high frequency of users in the actual operation of the hand fatigue;

Lotus series pipette adopts more avant-garde structure and color matching in appearance, which is more in line with the aesthetic needs of young people;

Lotus series pipettes are molded with new materials, which support the whole body without disassembly and high temperature and high pressure disinfection, so the use range is wider and the use process is more convenient.

Single-channel parameter list

Product number	Specification	Increment	Test volume	Maximum allowable error	
				μL	Inaccuracy %
23010100002 -H	0.1~2.5μL	0.05μL	2.5μL	±2.50%	2.00%
			1.5μL	±3.00%	3.00%
			0.25μL	±12.00%	6.00%
23010100010 -H	0.5~10μL	0.1μL	10μL	±1.00%	0.80%
			5μL	±1.50%	1.50%
			1μL	±2.50%	1.50%
23010100020 -H	2~20μL	0.5μL	20μL	±0.90%	0.40%
			10μL	±1.20%	1.00%
			2μL	±3.00%	2.00%
23010100050 -H	5~50μL	0.5μL	50μL	±0.60%	0.30%
			25μL	±0.90%	0.60%
			5μL	±2.00%	2.00%
23010100100 -H	10~100μL	1.0μL	100μL	±0.80%	0.20%
			50μL	±1.00%	0.40%
			10μL	±3.00%	1.00%
23010100200 -H	20~200μL	1.0μL	200μL	±0.60%	0.20%
			100μL	±0.80%	0.30%
			20μL	±2.50%	0.80%
23010101000 -H	100~1000μL	5.0μL	1000μL	±0.60%	0.20%
			500μL	±0.70%	0.25%
			100μL	±2.00%	0.70%
23010105000 -H	1000~5000μL	50.0μL	5000μL	±0.50%	0.20%
			2500μL	±0.60%	0.30%
			1000μL	±0.70%	0.30%
23010110000 -H	1000~10000μL	100μL	10000μL	±0.60%	0.20%
			5000μL	±1.20%	0.30%
			1000μL	±3.00%	0.60%

8-channel parameter list

Product number	Specification	Increment	Test volume	Maximum allowable error	
				μL	Inaccuracy %
23010800010 -H	0.5-10μL	0.1μL	10μL	±1.50%	1.50%
			5μL	±2.50%	2.50%
			1μL	±4.00%	4.00%
23010800050 -H	5-50μL	0.5μL	50μL	±1.00%	0.50%
			25μL	±1.50%	1.00%
			5μL	±3.00%	2.00%
23010800300 -H	50-300μL	5μL	300μL	±0.70%	0.25%
			150μL	±1.00%	0.50%
			50μL	±1.50%	0.80%

12-channel parameter list

Product number	Specification	Increment	Test volume	Maximum allowable error	
				μL	Inaccuracy %
23011200010 -H	0.5-10μL	0.1μL	10μL	±1.50%	1.50%
			5μL	±2.50%	2.50%
			1μL	±4.00%	4.00%
23011200050 -H	5-50μL	0.5μL	50μL	±1.00%	0.50%
			25μL	±1.50%	1.00%
			5μL	±3.00%	2.00%
23011200300 -H	50-300μL	5μL	300μL	±0.70%	0.25%
			150μL	±1.00%	0.50%
			50μL	±1.50%	0.80%



QI
JING



Pipette

Advantages of stepmate stepper pipette

Refreshing the series of continuous adjustable separator is usually used in conjunction with the separator pipe. The external piston displacement principle is suitable for the pipette separation of corrosive liquids and viscous liquids to avoid contamination of the pipette body. This series of products adopts innovative and sophisticated structural design, which can quickly and conveniently

Eco pipette Series

Electric pipette

Ingenuity
Keep improving
Get ready for the experiment



Specifications	Measured value(μ L)	Capacity tolerance error+(%)	Measurement repeatability \leqslant (%)
0.5-10 μ L	1	+(%)	3.0
	5	4.0	2.0
	10	4.0	2.0
5-200 μ L	20	2.0	1.0
	100	1.0	0.5
	200	0.75	0.5
10-300 μ L	50	1.5	0.75
	150	1.0	0.5
	300	0.75	0.5
20-1000 μ L	100	1.0	0.5
	500	0.5	0.25
	1000	0.5	0.25

Article number	Name	Specification	Gear setting	1	2	3	4	5	Suitable dispensing plpe(ml)
			Discharge times	44	22	15	11	9	
R2301	Continuously adjustable liquid pipettor	10-50	10	20	30	40	50	0.5	
		25-125	25	50	75	100	125	1.25	
		50-250	50	100	150	200	250	25	
		100-500	100	200	300	400	500	5.0	
		250-1250	250	500	750	1000	1250	12.5	
		500-2500	500	1000	1500	2000	2500	25.0	
		1000-5000	1000	2000	3000	4000	5000	50.0	

Characteristic Advantage Born for precision

- Three pipetting modes were used: pipetting mode, mixing mode, and separating mode;
- Continuous liquid separation more than 3000 times, digital display large screen, intuitive and convenient reading;
- Wireless magnetic charging desktop arrangement more convenient;
- The large capacity battery has strong endurance, magnetic suction charging, and can continuously separate liquid for more than 3000 times;
- The black parts of the lower part can be sterilized by high temperature ;



name	Product number	Bottle capacity	Adjustable liquid addition	tolerance	remark
Bustle Series adjustable quantitative pipettor white bottle version	240101000	500ml	0.1-1ml	± 0.02	According to the capacity
	240105000	500ml	0.5-5ml	± 0.04	
	240110000	500ml	1-10ml	± 0.06	
	240101000L	1000ml	0.1-1ml	± 0.02	
	240105000L	1000ml	0.5-5ml	± 0.04	
	240110000L	1000ml	1-10ml	± 0.06	
Bustle Series adjustable quantitative pipettor brown bottle version	BR240101000	500ml	0.1-1ml	± 0.02	Scale marked on the position
	BR240105000	500ml	0.5-5ml	± 0.04	
	BR240110000	500ml	1-10ml	± 0.06	
	BR240101000L	1000ml	0.1-1ml	± 0.02	
	BR240105000L	1000ml	0.5-5ml	± 0.04	
	BR240110000L	1000ml	1-10ml	± 0.06	

Bustle Series adjustable quantitative pipettor Technical advantages

- The syringe plunger is precisely ground and sorted, ensuring strong sealing, high accuracy, and minimal repeat error, which saves time and costs in experiments;
- The volume scale is clear; simply move the scale rod to the desired position to dispense a standard volume of liquid;
- The upgraded design feels lighter, allowing single-hand operation and reducing operator fatigue;
- The main body is made of high-borosilicate glass and inert resin, resistant to acids, alkali, and salty corrosive liquids;
- It can withstand high-temperature and high-pressure sterilization up to 120°C/250°F;
- The internal structure is detachable, resulting in low maintenance and repair costs;
- The unique design of the scale rod allows it to retract into the bottle, occupying minimal space;

Instrument





Whirlwind Series

Whirlwind Series Centrifug

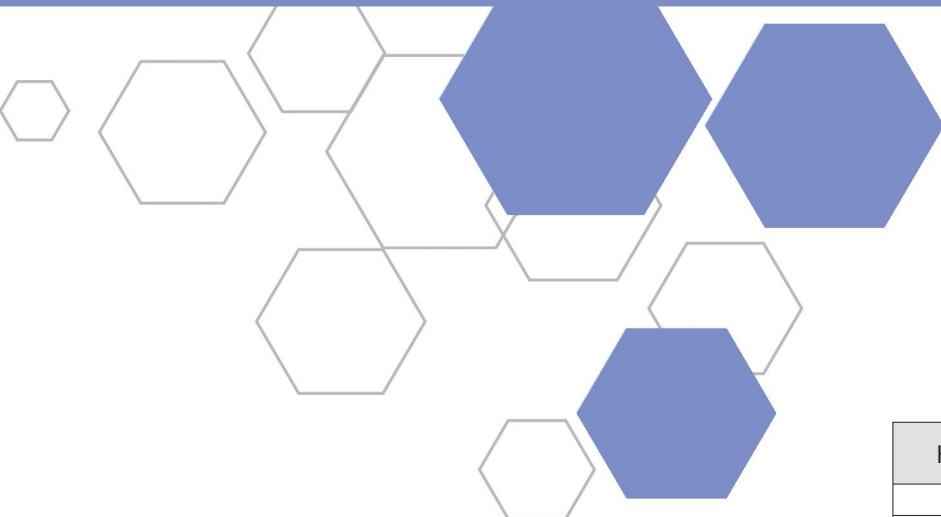
originality
Strive for excellence
Prepare for the experiment



Characteristic Advantage

High efficiency, low noise and safety

- Using advanced and reliable PI high frequency full range wide power supply control scheme, which comply with AC100-240V/50/60Hz input power supply, It can more accurately control voltage, current, speed and relative centrifugal force to ensure that its constant speed will not change with voltage or load changes;
- With efficient DC permanent magnet motor, rubber material can shock absorb which contrir stable operation, The rotation space is 360° no Angle, small wind resistance, small temperature rise, super quiet, machine noise ≤42dB;
- Unique rotor head snap on installation design, without any tools can easily change the swivel, let the experimenter replace the rotor more convenient and fast;
- Faster acceleration/deceleration rate, help complete the experiment in a shorter time, acceleration within 5 seconds to achieve Rated speed above 95%; Press the door opening button for free parking (≤5 seconds);
- High strength main machine and rotor material, can resist various chemical corrosion, the rotor has high temperature resistance Disinfection function;



Host Parameter	
Product Model	W40
Input Voltage	AC100 - 240V/50/60Hz
Input Power	12W
Motor	DC24V/Dc permanent magnet motor
Control Mode	PI power direct drive
Power Fuse	PTC/Self-restoring fuse/No need to replace
Rotor Capacity	Turn Angle type: 2/1.5 0.5/0.2 / ml x 8 hole, PCR line turn: 0.2 ml x 4 x 8 hole row, compound turn: 1.5 ml + 0.5 ml x 6 x 6 hole hole + 0.2 ml x 8 x 2 row
Max. Speed	4000r/min . ±3%
Max.RCF	998×g
Dimensions: Length × Width × Height	156mm×158mm×130mm
Weight	1.05Kg
Noise at Max.Speed (≈)	≤42dB(A)
Fastest Acceleration Time	≤5s
Fastest Deceleration Time	≤5s
Protective Class	IP21
Allowable Ambient Temperature	+5 -40°C/80%
Relative Humidity	
Interference Suppression Standard	EN 61010 -1,EN 61010 -2,EN 61326 -1,EN 61010 -3 -2/A2

Rotor Parameter		
Angle Rotor Model	W40-A-1	W40-A-2
Single Tube Capacity	1.5/2ml	0.2ml×8hole
Total Centrifugal Capacity	1.5/2ml×8hole	0.2ml×8hole×4row
Max. Speed	4000rpm	4000rpm
Max.RCF	998×g	536×g
Test Tube Type	PP round/cone bottom with cover	PP cone bottom with cover
Adapter Type	W40-AP-1	W40-AP-2
Adapter Capacity	0.5ml	0.2ml
Adapter Rotor	W40-A-1	W40-A-1
Test Tube Type	PP cone bottom with cover	PP cone bottom with cover



Whirlwind Series

Whirlwind Series Centrifuge

originality
Strive for excellence
Prepare for the experiment



Characteristic Advantage

High efficiency, low noise and safety

- Using advanced and reliable PI high frequency full range wide power supply control scheme, which comply with AC100-240V/50/60Hz input power supply, It can more accurately control voltage, current, speed and relative centrifugal force to ensure that its constant speed will not change with voltage or load changes;
- With efficient DC permanent magnet motor, rubber material can shock absorb which contrir stable operation, The rotation space is 360° no Angle, small wind resistance, small temperature rise, super quiet, machine noise ≤42dB;
- Unique rotor head snap on installation design, without any tools can easily change the swivel, let the experimenter replace the rotor more convenient and fast;
- Faster acceleration/deceleration rate, help complete the experiment in a shorter time, acceleration within 5 seconds to achieve Rated speed above 95%; Press the door opening button for free parking (≤5 seconds);
- High strength main machine and rotor material, can resist various chemical corrosion, the rotor has high temperature resistance Disinfection function;



Host parameter	
Product Model	W70
Input Voltage	AC100 - 240V/50/60Hz
Input Power	18W
Motor	DC24V/ DC permanent magnet motor
Control Mode	PI power direct drive
Power Fuse	PPTC/ Self-restoring fuse/No need to replace
Rotor Capacity	Angle rotor :2/1.5/0.5/0.2ml×8 Wells, PCR tube rotor:0.2ml×8 Wells ×4 rows, compound rotor :1.5ml×6 Wells +0.5ml ×6 Wells +0.2ml×8 Wells ×2 rows
Max. Speed	7000r/min . ±3%
Max.RCF	2196×g
Dimensions: Length x width x height	156mm×158mm×130mm
Weight	1.05Kg
Noise at max. Speed (≈)	≤45dB(A)
Fastest Acceleration Time	≤5s
Fastest Deceleration Time	≤5s
Protective Class	IP21
Allowable Ambient Temperature	+5 -40°C/80%
Relative Humidity	
Interference Suppression Standard	EN 61010 -1,EN 61010 -2,EN 61326 -1,EN 61010 -3 -2/A2

Rotor Parameter		
Angle Rotor Model	W70-A-1	W70-A-2
Single Tube Capacity	1.5/2ml	0.2ml×8hole
Total Centrifugal Capacity	1.5/2ml×8hole	0.2ml×8hole×4row
Max. Speed	7000rpm	7000rpm
Max.RCF	2196×g	1643×g
Test Tube Type	PP round/cone bottom with cover	PP cone bottom with cover
Adapter Type	W70-AP-1	W70-AP-2
Adapter Capacity	0.5ml	0.2ml
Adapter Rotor	W70-A-1	W70-A-1
Test Tube Type	PP cone bottom with cover	PP cone bottom with cover

W100

Whirlwind Series

Whirlwind Series Centrifuge

originality
Strive for excellence
Prepare for the experiment



Characteristic Advantage

High efficiency, low noise and safety

- Using advanced and reliable PI high frequency full range wide power supply control scheme, which comply with AC100-240V/50/60Hz input power supply, It can more accurately control voltage, current, speed and relative centrifugal force to ensure that its constant speed will not change with voltage or load changes;
- With efficient DC permanent magnet motor, rubber material can shock absorb which contri stable operation, The rotation space is 360° no Angle, small wind resistance, small temperature rise, super quiet, machine noise ≤42dB;
- Unique rotor head snap on installation design, without any tools can easily change the swivel, Let the experimenter replace the rotor more convenient and fast;
- Faster acceleration/deceleration rate, help complete the experiment in a shorter time, acceleration within 5 seconds to achieve Rated speed above 95%; Press the door opening button for free parking (≤5 seconds);
- High strength main machine and rotor material, can resist various chemical corrosion, the rotor has high temperature resistance Disinfection function;

Host Parameter

Product Model	W100
Input Voltage	AC100 - 250V/50/60Hz
Input Power	25W
Motor	DC24V/ DC permanent magnet motor
Control Mode	PI power direct drive
Power Fuse	PPTC/ Self-restoring fuse/No need to replace
Rotor Capacity	Corner rotor: 2/1/5/0.5/0.2ml × 8-well PCR tube rotor: 0.2ml × 8-well × 4-row PCR tube rotor: 0.2ml × 8-well × 2-row
Max. Speed	10000r/min. ±3%
Max.RCF	5610×g
Dimensions: Length x Width x Height	156mm×158mm×130mm
Weight	1.05Kg
Noise at Max. Speed (≈)	≤48dB(A)
Fastest acceleration time	≤5s
Fastest deceleration time	≤5s
Potective Class	IP21
Allowable Ambient Temperature Relative Humidity	+5 -40°C/80%
Interference Suppression Standard	EN 61010 -1,EN 61010 -2,EN 61326 -1,EN 61010 -3 -2/A2

Rotor Parameter

Angle Rotor Model	W100-A-1	W100-A-2	W100-A-3
Single Tube Capacity	1.5/2ml	0.2ml × 8hole	1.5ml/0.5ml/0.2ml×8hole×2row
Total Centrifugal Capacity	1.5/2ml × 8hole	0.2ml × 8hole × 4row	5/1.8/1.1ml × 4hole
Max.speed	10000rpm	10000rpm	10000rpm
Max.RCF	5160×g	3354×g	5590×g
Test Tube Type	PP round/cone bottom with cover	PP cone bottom with cover	PP cone bottom with cover
Adapter Type	W100-AP-1	W100-AP-2	
Adapter Capacity	0.5ml	0.2ml	
Adapter Rotor	W100-A-1	W100-A-1	
Test Tube Type	PP cone bottom with cover	PP cone bottom with cover	

C70

Cyclone Series

Cyclone Series Centrifuge

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Characteristic Advantage

High efficiency, low noise and safety

- Adopt advanced and reliable PI high frequency full range wide range power control scheme, in line with the world's electricity Network power supply, through 16-bit MCU operation PWM speed regulation can more accurately control voltage, current, speed and effective centrifugal time to ensure that it in the harsh use of the environment, extend the use of the motor Life and electromagnetic noise elimination;
- Reliable and durable DC permanent magnet motor, speed range is wider 1000~7000rpm, accurate the degree is $\pm 5\%$, the centrifugal speed is adjusted to 500rpm by step, and the effective centrifugal time range is 1-99 minutes or 1-59 seconds;
- Faster acceleration/deceleration rate to complete the experiment in a shorter time;
- The high strength main machine and rotor material can resist various chemical corrosion, and the rotor has high temperature resistance toxic function;
- Unique swivel snap mounting design, without any tools can easily change the swivel, so that solid Inspection personnel to change the rotor more convenient and fast;
- The novel composite test tube rotor can be compatible with a variety of test tubes, and can be satisfied without changing the rotor check basic needs;
- Rubber material can absorb shock, which stable operation, the otation space is 360°, no Angle, small wind resistance,low temperature rise, super quiet, machine noise <60dB;
- Door cover operation, ensure the safe operation of the instrument, At the end of operation, error and imbalance, the sound signal will prompt, while the centrifuge stops running, LCD displays the result code;

Host Parameter

Product Model	C70
Input Voltage	AC100 - 250V/50/60Hz
PowerFuse	PPTC/ Self-restoring fuse/No need to replace
Input Power	20W
Control Mode	St16-bit MCU/PWM/ speed regulation
Display Mode	LCD screen with white characters on black background
Motor	DC24V/ DC permanent magnet motor
Effective Centrifuge Time	1-99min.1-59sec.
Rotational Speed	1000-7000rpm $\pm 5\%$
Speed Step Increase	500rpm
Max.RCF	3286 \times g
Dimensions: Length x Width x Height	192mm \times 222mm \times 115mm
Weight	1.85Kg
Noise at max. Speed (\approx)	≤ 58 dB(A)
Fastest Acceleration Time [sec]	≤ 8 s
Fastest Deceleration Time [sec]	≤ 10 s
Protective Class	IP21
Allowable Ambient Temperature/Relative Humidity	+5 -40°C/80%
Interference Suppression Standard	EN 61010 -1,EN 61010 -2,EN 61326 -1,EN 61010 -3 -2/A2

Rotor Parameter

Angle Rotor Model	C70-A-1	C70-A-2	C70-A-3	C70-A-4
Single Tube Capacity	1.5/2ml/0.2ml \times 8hole	0.2ml \times 12hole	5ml	5/1.8/1.1ml
Total Centrifugal Capacity	1.5/2ml \times 12hole+0.2ml \times 8x4	0.2ml \times 12hole \times 4row	5ml \times 4hole	5/1.8/1.1ml \times 4hole
Max. Speed	7000rpm	7000rpm	7000rpm	7000rpm
Max.RCF	3232 \times g	2210 \times g	3286 \times g	3180 \times g
Test Tube Type	PP round/cone bottom with cover	PP cone bottom with cover	PP cone bottom with cover	PP cone bottom with cover
Adapter Type	C70-AP-1	C70-AP-2	C70-AP-3	
Adapter Capacity	0.5ml	0.2ml	1.1/1.8ml	
Adapter Rotor	C70-A-1	C70-A-1	C70-A-4	
TestTube Type	PP cone bottom with cover	PP cone bottom with cover	PP cone bottom with cover	

C120

Cyclone Series

Cyclone Series Centrifuge

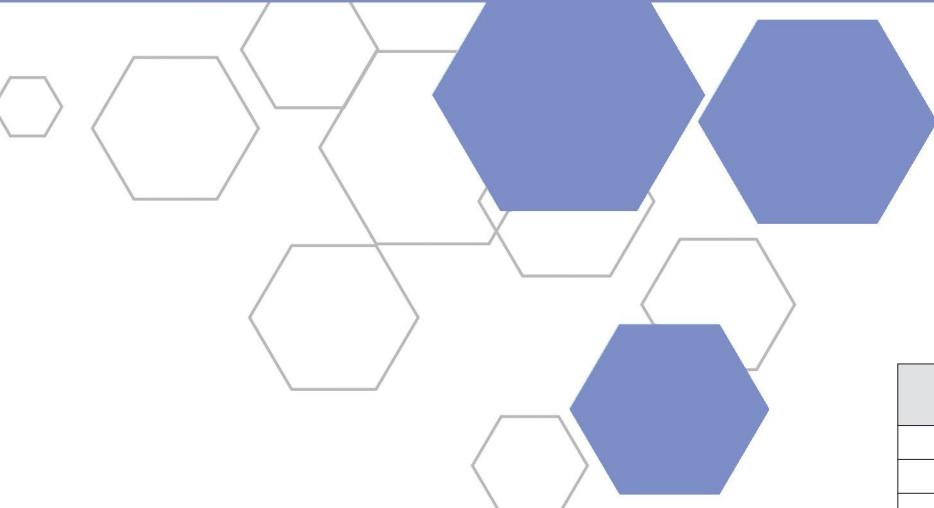
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Characteristic Advantage

High efficiency, low noise and safety

- Adopt advanced and reliable PI high frequency full range wide range power control scheme, in line with the world's electricity network power supply, through 16-bit MCU operation PWM speed regulation can more accurately control voltage, current, speed and effective centrifugal time to ensure that it in the harsh use of the environment, extend the use of the motor life and electromagnetic noise elimination;
 - Reliable and durable DC permanent magnet motor, speed range is wider 1000~12000rpm, accurate the degree is $\pm 5\%$, the centrifugal speed is adjusted to 500rpm by step, and the effective centrifugal time range is 1-99 minutes or 1-59 seconds;
 - Faster acceleration/deceleration rate to complete the experiment in a shorter time;
 - The high strength main machine and rotor material can resist various chemical corrosion, and the rotor has high temperature resistance toxic function;
 - Unique swivel snap mounting design, without any tools can easily change the swivel, so that solid inspection personnel to change the rotor more convenient and fast;
 - The novel composite test tube rotor can be compatible with a variety of test tubes, and can be satisfied without changing the rotor check basic needs;
 - Rubber material shock absorption, more stable operation, rotation space of 360° arc, no Angle, small wind resistance, low temperature rise, super quiet, machine noise <60dB;
 - Door cover to protect, ensure the safe operation of the instrument, end of operation, error and imbalance, sound sound signal prompts, while stopping operation, LCD displays the result code;



Host Parameter	
Product Model	C120
Input Voltage	AC100 - 240V/50/60Hz
Power Fuse	PPTC/ Self-restoring fuse/No need to replace
Input Power	30W
Control Mode	St16-bit MCU/PWM/ speed regulation
Display Mode	LCD LCD screen with white characters on black background
Motor	DC24V/ DC permanent magnet motor
Effective Centrifuge Time	1-99min.1-59sec.
Rotational Speed	1000-12000rpm±5%
Speed Step Increase	500rpm
Max.RCF	9650×g
Dimensions: Length x Width x Height	192mm×222mm×115mm
Weight	1.85Kg
Noise at Max. Speed (≈)	≤60dB(A)
Fastest Dcceleration Time [sec]	≤12s
Fastest Deceleration Time [sec]	≤10s
Protective Class	IP21
Allowable Ambient Temperature Relative humidity	+5 -40°C/80%
Interference Suppression Standard	EN 61010 -1,EN 61010 - 2,EN 61326 -1,EN 61010 - 3 - 2/A2

1-16N/2-4B

Series

High speed/low speed centrifuge

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Characteristic Advantage

Low noise and Smooth operation

- 1-6N -high speed centrifuge 15000rpm, 2-4B -low speed centrifuge 4000 rpm;
- Microcomputer control, DC brushless motor drive, stable and quiet operation, high speed precision;
- The body adopts high quality all steel body, more safe and durable;
- LCD display, clear display of the instrument, operating parameters in operation, can change the parameters at any time centrifugal force/speed unit switch;

Model	2-4B	1-16N
Input Voltage	AC220±22V50Hz 10A	220VAC±10%50/60Hz
Maximum rotational speed	4000rpm	15000rpm
Max.RCF	1880xg	15842xg
Maximum capacity	8×15ml/12×10ml	12×1.5ml
Timing range	1min-99min	1 minute 99 minutes increment: 1 minute
Total power	80W	80W
Noise at Max. Speed (≈)	≤60dB(A)	<65dB(A)
Accuracy of speed	±10rpm/mln	±20rpm
Dimensions: Length x Width x Height	300×260×210(mm)	300×260×210(mm)
Net weight	7.5Kg	8kg
Drive motor	Brushless DC motor	Brushless DC motor
Parameter of turning head	 Fixed Angle turn head #1 Volume: 12×10ml (Optional 2ml test tube pad) Maximum speed: 4000pm Maximum relative centrifugal force: 1880xg	 Angle rotor #1 Single tube capacity: 15ml The total volume was 12×1.5ml Maximum speed: 15000rpm The maximum relative centrifugal force was 15842×g
Rotary head optional	 Fixed Angle turn head #2 Volume: 8×15ml Maximum speed: 4000rpm Maximum relative centrifugal force: 1880xg	 Angle rotor #2 Single tube capacity: 5ml Total volume: 10×5ml Maximum speed: 15000rpm The maximum relative eagle force was 15842×g

S165

Serene Series

Micro high speed refrigerated centrifuge

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Characteristic Advantage

Low noise and fast cooling

- S165 is widely used in molecular biology, molecular chemistry and PCR laboratory. It can be fitted with a variety of capacity rotary heads and is cost-effective.
- Unique patented cast nylon (NCP) material rotor, ultra-light, high strength, slow heat transfer, corrosion resistance strong corrosion, fast lifting speed. Patent number: ZL201520661675.0
- The surface of the machine adopts fine sand spraying process, the implementation standard IS 09001 | standard. the who machine is made of high-strength steel by a single by a single stamping and corrosion-resistant rotary head to prevent the risk of burst.
- Small body and 10 s lift and drop speed to meet the user's efficient separation needs. according to experimental requirements it can store 10 groups of applications, allowing experimenter to start with one clode.
- 5 inch touch screen operation, centrifugal force can be set accuracy 1xg, speed accuracy 1r pm, time can be refined to 1 s, the large screen displays the speed, centrifugal force, time, temperature, and addition and subtraction parameters parameters can be changed in the row without stopping.

Host Parameter	
Product Model	S165 (Frozen type)
Max. Speed	16500rpm
Max.RCF	21890 xg
Maximum Capacity	18 × 5 ml
Speed Accuracy	±10 rpm/min
Timing Range	1s—99 min 59 s / 99 h 59 min
Temperature Setting Range	-20°C—40°C
Temperature Accuracy	±1.0°C
Mode of Operation	Touch panel
Overall Power	800W
Machine Noise	≤ 52 dB (A)
Support Power Supply	AC 220±22V 50 Hz 10 A
Dimensions: Length x Width x Height	520 × 320 × 230 (mm)
Net Weight	35KG
Product Number	08141161

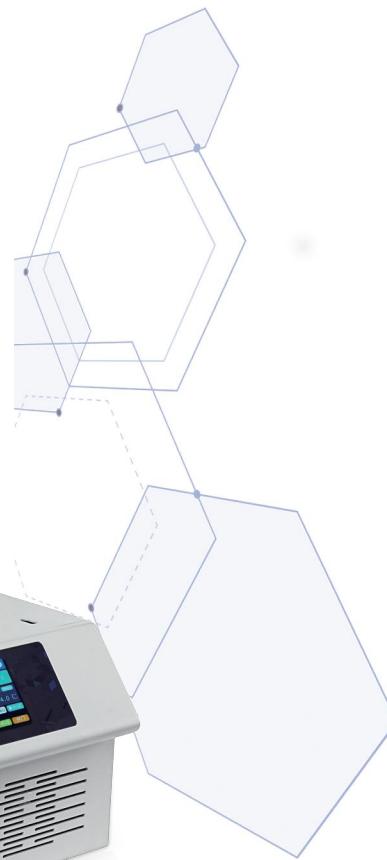
Rotor Parameter		
Angle Rotor Model	Constant Angle rotor #1	Constant Angle rotor #2
Accept an Order	12 × 1.5/2 ml	24 × 1.5 / 2 ml
Max .Speed	16500 rpm	15000 rpm
Max.RCF	21610xg order	21890 xg
Product Number	011200020	012400020
Angle Rotor Model	Constant Angle rotor #3	Constant Angle rotor #4
Capacity	18 × 5 ml	4 × 8 × 0.2 ml pcrtube
Max. Speed	15000 rpm	15000 rpm
Max.RCF	21630xg order	17357 xg
Product number	011800050	010408002

S165P

Serene Series

Micro high speed refrigerated centrifuge

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Characteristic Advantage

Low noise and fast cooling

- S165P is widely used in plasmid extraction, protein purification, bacterial isolation and other fields it can be fitted with a variety of capacity rotary heads and is cost-effective. the surface of the machine adopts fine sand spray process, the implementation standard is ISO 9001 | standard.
- Unique patented cast nylon (NCP) material rotor, ultra-light, high strength, slow heat transfer, corrosion resistance strong corrosion, fast lifting speed. patent No. : ZL 20152 0661675.0.
- The use of environmentally friendly refrigerant, the highest speed of the chamber temperature can still be stable at 4 °C; Rapid precooling function from room temperature 25 °C to 4 °C in 6 minutes.
- 5 inch touch screen operation, centrifugal force can be set accuracy 1xg, speed accuracy 1 rpm, time can be accurate to 1s, parameters such as speed, centrifugal force time, temperature, and addition and subtraction can be changed during operation without stopping.
- The whole machine adopts high strength steel stamping molding, rotor corrosion resistance to prevent the risk of burst. with turn head automatic recognition function to prevent users from choosing the wrong head to bring security risks.

Host Parameter

Product Model	S165P (frozen type)		
Max. Speed	16500rpm		
Max.RCF	22380xg		
Maximum Capacity	6×50ml		
Temperature Setting Range	-20°C—40°C		
Temperature Accuracy	±1.0°C		
Machine Noise	≤65dB (A)		
Dimensions: Length x Width x Height	620×327×270 (mm)		
Support Power Supply	AC 220±22V 50Hz 16A		
Gross Power	1200W		
Timing Range	1s-99min59s/1min-99h59min		
Mode of Operation	touch panel		
Speed Accuracy	±10rpm/min		
Diameter of Centrifugal Chamber	240mm		
Net Weight	40KG		
Product Number	08142161		

Rotor Parameter

Angle Rotor Model	Constant Angle rotor #1	Constant Angle rotor #2	Constant Angle rotor #3	Constant Angle rotor #4
Capacity	12×1.5/2ml	24×1.5/2ml	36×1.5/2ml	18×5ml
Max. Speed	16500 rpm	15000 rpm	15000 rpm	15000 rpm
Max.RCF	21610xg	21890 xg	22380xg	21630xg
Product Number	011200020	012400020	013600020	011800050
Angle Rotor Model	Constant Angle rotor #5	Constant Angle rotor #6	Constant Angle rotor #7	
Capacity	12×10ml	12×15ml	6×50ml	
Max. Speed	13000rpm	12000rpm	12000rpm	
Max.RCF	19690xg	15450xg	16980xg	
Centrifugal Angle	≥45°	≥30°	≥30°	
Product Number	011800050	011200150	010600500	

S40

Table type low speed centrifuge

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Characteristic Advantage

Low noise is simple and convenient

- Small table centrifuge is designed to meet the needs of hospitals, blood banks, clinical medicine and biochemistry centrifuge designed for qualitative analysis of serum, plasma and urea in laboratory.
- The stainless steel centrifugal chamber has high tensile strength and low wind resistance. It has differential centrifugation gradient centrifugation, spot centrifugation and timed centrifugation.
- the equilateral triangle wag fixes the door cover with force, which is safer during the operation of the centrifuge. Equipped with overspeed overtemperature, imbalance and door cover protection to protect personal safety and instrument safety.
- The emergency cover opening is provided with a protective head on the side of the instrument, and there is no cable switch, which is convenient to open the cover and loosen the cover in emergency avoid security risks caused by misoperation.
- 5 inch touch screen operation, simple and convenient. The centrifugal force parameters can be set accurately to 1kg, and the speed can be accurate to 1rpm the time can be accurate to 1s. Large screen display speed, centrifugal force, time, temperature, plus or minus ,etc parameters can be changed during operation without stopping.



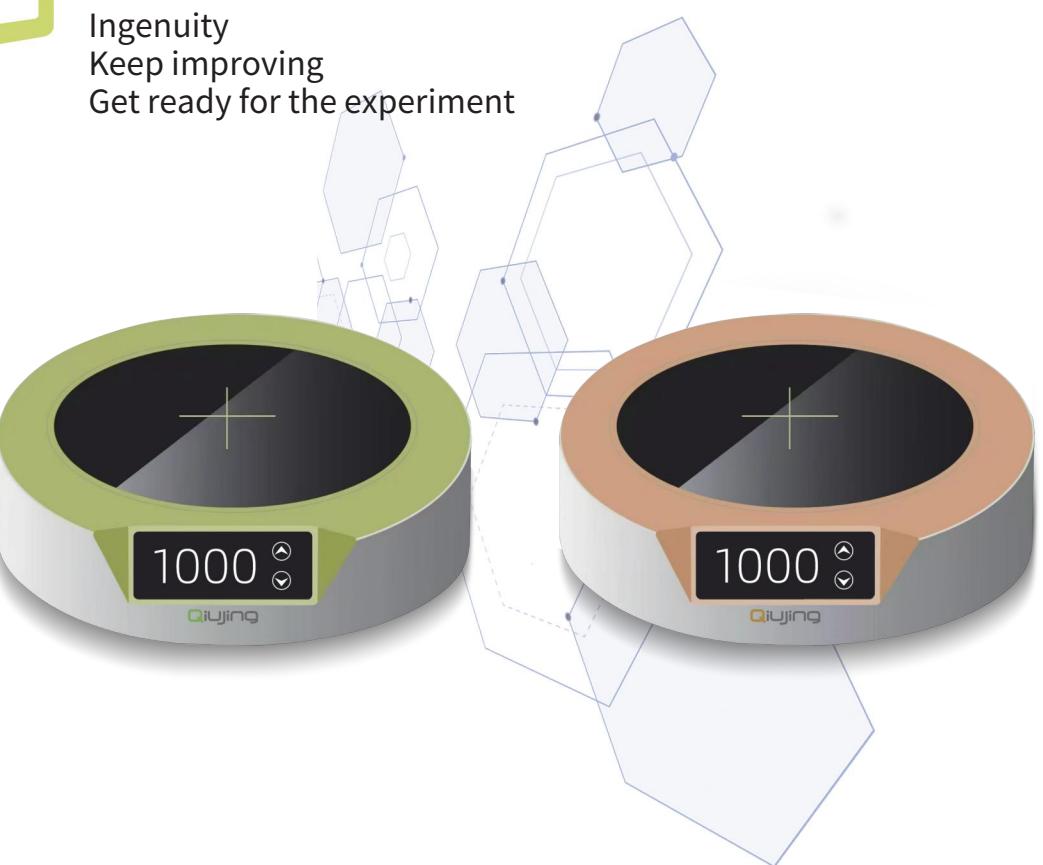
Host Parameter	
Product Model	Table type low speed centrifuge
Max. Speed	4000rpm
Max.RCF	2250xg
Maximum Capacity	6×50ml
Timing Range	1s—99min59s
Input Voltage	AC 220±22V 50Hz 10A
Input power	200W
Speed Accuracy	±10rpm/min
Noise at Max.Speed(≈)	≤60dB (A)
Net Weight	22KG
Dimensions: Length x Width x Height	460×400×270 (mm)
Drive Motor	Dc brushless motor
Product Number	08142043

Rotor Parameter	
Angle Rotor Model	constant angle rotor #1
Capacity	12×10ml (Optional 2ml tube pad)
Max. Speed	4000rpm
Max.RCF	1880xg
Product Number	11200101
Angle Rotor Model	constant angle rotor #2
Capacity	8×15ml
Max. Speed	4000rpm
Max.RCF	1880xg
Product Number	10800151
Angle Rotor Model	constant angle rotor #3
Capacity	12×10/15ml
Max. Speed	4000rpm
Max.RCF	2250xg
Product Number	011200101
Angle Rotor Model	constant angle rotor #4
Capacity	24×10ml
Max. Speed	4000rpm
Max.RCF	2250xg
Product Number	012400101
Angle Rotor Model	constant angle rotor #5
Capacity	6×50ml
Max. Speed	4000rpm
Max.RCF	2250xg
Product Number	010600501

Mini star

Series

MINI MAGNETIC STIRRER



Characteristic Advantage

Support data storage

- Products using DC brushless motor, bottom noise, maintenance-free, smooth operation;
- The rotor adopts strong magnetic and high temperature resistant magnetic steel to ensure sufficient attraction and torque of the instrument to prevent the rotor from jumping when the stirring rotor is running;
- The upper and lower shells are made of integrated die-casting aluminum, and the surface is sprayed with ceramic technology, which is effective in anti-corrosion and wear-resistant;
- Directly connected PT temperature sensor to achieve accurate temperature control, using LCD display;

Power	12W
Display Mode	Full-view high-definition digital tube
Speed control range	200-1800 rpm
Speed control accuracy	$\pm 5\%$ rpm
Allowable ambient temperature	Room temperature -40°C
Maximum stirring capacity	$\leq 2L$
Working disc material	Pvc anti-corrosion coating
Size	132x122x40 mm
Motor type	Micro brushless motor
Time control mode	Manual
Speed control mode	Touch key adjustment

Top magic

Series

FOUR-CHANNEL HEATED/NON-HEATED MAGNETIC STIRRER

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Characteristic Advantage

Support data storage

- Products using DC brushless motor, bottom noise, maintenance-free, smooth operation; The rotor adopts strong magnetic and high temperature resistant magnetic steel to ensure sufficient attraction and torque of the instrument to prevent the rotor from jumping when the stirring rotor is running;
- The upper and lower shells are made of integrated die-casting aluminum, and the surface is sprayed with ceramic technology, which is effective in anti-corrosion and wear-resistant.



Four channel magnetic stirrer (unheated type)

Supply voltage	AC100-240V
Power	45W
Display Mode	LCD
Rotational Speed	200-1600
Speed control range	±10rpm
Effective Centrifuge Time	1-99 hours 59 minutes
Maximum stirrer capacity	2L
Working disc material	Coated PC, corrosion resistance
Working plate area size	150*150
Motor type	Brushless DC motor
Time control mode	Left knob control
Speed control mode	Right knob controls

Four channel magnetic stirrer (Heated type)

Supply voltage	AC100-240V
Power	45W
Display Mode	LCD
Rotational Speed	200-1600
Speed control range	±10rpm
Effective Centrifuge Time	1-99 hours and 59 minutes
Heating temperature	RT-105°C
Temperature control	Built-in temperature line
Maximum stirrer capacity	2L
Working disc material	304 Stainless steel
Working disc area size	150*150
Motor type	Brushless DC motor
Time control mode	Left knob control
Speed control mode	Right knob controls

Top magic

Series

SINGLE CHANNEL/NON-HEATING MAGNETIC STIRRER



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Characteristic Advantage

Support data storage

- Products using DC brushless motor, bottom noise, maintenance-free, smooth operation; The rotor adopts strong magnetic and high temperature resistant magnetic steel to ensure sufficient attraction and torque of the instrument to prevent the rotor from jumping when the stirring rotor is running;
- The upper and lower shells are made of integrated die-casting aluminum, and the surface is sprayed with ceramic technology, which is effective in anti-corrosion and wear-resistant.

Single channel magnetic stirrer(unheated type)

Supply voltage	AC100-240V
Power	45W
Display Mode	LCD
Rotational Speed	200-1600
Speed control range	±10rpm
Effective Centrifuge Time	1-99 hours 59 minutes
Maximum stirrer capacity	5L
Working disc material	Coated PC, corrosion resistance
Working plate area size	150*150
Motor type	Brushless DC motor
Time control mode	Left knob control
Speed control mode	Right knob controls

Single channel magnetic stirrer (Heated type)

Supply voltage	AC100-240V
Power	45W
Display Mode	LCD
Rotational Speed	200-1600
Speed control range	±10rpm
Effective Centrifuge Time	1-99 hours and 59 minutes
Heating temperature	RT-105°C
Temperature control	Built-in temperature line
Maximum stirrer capacity	5L
Working disc material	304 Stainless steel
Working disc area size	150*150
Motor type	Brushless DC motor
Time control mode	Left knob control
Speed control mode	Right knob controls

Top magic

Series

MAGNETIC STIRRER 380

Ingenuity
Keep improving
Get ready for the experiment



Characteristic Advantage

Support data storage

- Products using DC brushless motor, bottom noise, maintenance-free, smooth operation;
- The rotor adopts strong magnetic and high temperature resistant magnetic steel to ensure sufficient attraction and torque of the instrument to prevent the rotor from jumping when the stirring rotor is running;
- The upper and lower shells are made of integrated die-casting aluminum, and the surface is sprayed with ceramic technology, which is effective in anti-corrosion and wear-resistant;
- Directly connected PT temperature sensor to achieve accurate temperature control, using LCD display;



Supply voltage	AC220V 50Hz
power	450W 550W
Display Mode	LCD
Speed control range	200-1600turn
Speed control range	$\pm 10\text{rpm}$
Effective Centrifuge Time	1-99 hours, 59 minutes
Heating temperature	RT-380°C
Maximum stirrer capacity	5L
Working disc material	Ceramic spraying
Upper and lower shell	Cast aluminium
Working disc size	150*150mm
Motor type	Dc brushless motor
Heating method	Stretch out heating

Flying Series

Small flying saucer vortex mixer

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Host Parameter

Product Model	UF42
Input Voltage	DC12/1A
Input Power	6W
Mode of Operation	Press electric rotation
Maximum Load	0.6Kg
Max. Speed	4500rpm±5%
Type of Movement	circumference
Orbital Diameter	6mm
Weight	1.04Kg
Dimensions: Length x Width x Height	185*185*76
Noise at Max.Speed(≈)	≤55dB
Protective Class	IP41
Allowable ambient Temperature/Relative Humidity	+5-40°C/80%
Interference Suppression Standard	EN61010-1,EN61010-2,EN61326-1,EN61010-3-2/A2

Note: The ambient temperature is 13°C

Characteristic Advantage

High efficiency, low noise and safety

- Strong power, 40ml liquid can be spun in seconds;
- The oscillating gasket is made of wear-resistant silicone material with longer service life;
- Zinc alloy integrated forming base, low center of gravity trim, stable operation without displacement during use;
- Small volume, large amplitude;
- External battery pack can be connected to meet the on-site inspection use outside the laboratory;

Q5 Calm

Calm Series

Vortex mixer

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Characteristic Advantage

High efficiency, low noise and safety]0

- Two safe operation modes "click" and "continuous", easy to switch, time function with positive timing and countdown to make the experiment more convenient and accurate;
- In the shortest possible time to mix any liquid, powder needed to complete the work with high speed, high efficiency and high efficiency;
- Perfect fuselage structure optimization design, so that it has enough counterweight weight and eccentric balance operation, providing a stable and quiet working platform for various oscillation mixing;
- ST intelligent analysis and processing platform can respond to various mode work requirements, fully equipped with fast processing chipset and electronic sensing technology, easy to achieve intelligent control of speed, time and working mode;
- Permanent magnet DC motor is not easy to heat, with over-temperature protection characteristics, to ensure that high-speed mixing can still work for a long time without trouble, simple integration, no spare parts, reduce running resistance, more powerful, reduce noise, avoid interference;

Host Parameter	
Product Model	Q5
Input Voltage	DC24V
Input Power	20W
Motor/Drive Mode	DC24V permanent magnet motor/direct drive
Control Mode	PWM stepless speed regulation
Mode of Operation	click: Light sensing action/continuous mode
Power Fuse	PTTC/ Self-restoring fuse/No need to replace
Maximum Load	1.0Kg
Speed Range	200-3,000r/min.+5%
Type of Movement	circumference
Orbital Diameter	4.5mm
Speed Function/Display	high light LCD liquid crystal full segment
Time Function	digital timing 1S-999min/ countdown/point timing
Dimensions: Length x width x height	127mmx147mmx128mm
Weight	3.5Kg
Noise at Max.Speed(≈)	≤48dB(A)
Fastest Acceleration Time [sec]	≤3s
Fastest Deceleration Time [sec]	≤3s
Allowable Ambient Temperature	+5~40°C/80%
Relative Humidity	
Protective Class	IP20
Interference Suppression Standard	EN 61010-1,EN 61010-2-020,EN 61326 -1,EN 61010-3-2/A2

Fixture Parameter			
Angle Rotor Model	Q5-1	Q5-2	Q5-3
Applicable Type	Place test tube and diameter should not exceed 50mm small container, trough structure, prevent the outside of the container from slipping while working	For placing diameter not exceeding 85mm flask container class or mix multiple test tubes together	Test tube with round hole diameter 10mm, number of 14 holes
Max. Speed	3000rpm	3000rpm	1500rpm

Q7 Calm Series

Multifunctional vortex mixer

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Characteristic Advantage

High efficiency, low noise and safety

- ST intelligent analysis and processing platform can respond to various mode work requirements, fully equipped with fast processing chipset and electronic sensing technology, easy to achieve intelligent control of speed, time and working mode;
- More abundant fixture accessories to meet the needs of different capacities of test tubes and plates, efficient expansion to ensure that the experiment is fast;
- Perfect fuselage structure optimization design, so that it has enough counterweight weight and eccentric balance operation, providing a stable and quiet working platform for various oscillation mixing;
- High efficiency permanent magnet rotor makes the motor not easy to heat, with over-temperature protection characteristics, to ensure that high-speed mixing can still work for a long time without fault, no carbon brush design, simple integration, no spare parts, reduce running resistance, more powerful, reduce noise, avoid interference;
- Two safe operation modes "click", "continuous", easy to switch, can quickly identify the highest speed of various fixtures, to ensure its safe use, time function with positive timing and countdown to make the experiment more convenient and accurate;

Host Parameter	
Product Model	Q7
Input Voltage	DC24V
Input Power	18W
Motor/Drive Mode	DC24V permanent magnet motor/direct drive
Control Mode	PWM stepless speed regulation
Mode of Operation	Click: Light sensing action/continuous mode
Power Fuse	pptc/Self-restoring fuse/No need to replace
Maximum Load	1.5Kg
Speed Range	200 - 3,000r/min. ±15%
Mode of oscillation	circumference
Orbital Diameter	4.5mm
Fixture Identification Function	Automatic identification/secure and efficient
Speed Function/Display	Full segment/high light LED digital tube
Time Function	Digital timing 1S-999min. Countdown/point timing
Dimensions: Length x width x height	198mm×138mm×67mm
Weight	4.1kg
Noise at Max.Speed(≈)	≤45dB(A)
Fastest Acceleration Time [sec]	≤3s
Fastest Deceleration Time [sec]	≤3s
Allowable Ambient Temperature Relative Humidity	+5~40°C/80%
Protective Class	IP20
Interference Suppression Standard	EN 61010 -1,EN 61010 - 2 - 020,EN 61326 -1,EN 61010 - 3 - 2/A2

Multiple Adaptive Modules Parameter

	Q7-1	Q7-2	Q7-3	Q7-4
Multiple Adaptive Modules Model	Q7-1	Q7-2	Q7-3	Q7-4
Applicable Type	For placing test tubes and not more in diameter 50mm small container, adopts trough structure prevent easy outside slip when working	For placing diameter no more than 85mm flask container class	used to hold the enzyme label plate	For clamping enzyme label plate round hole diameter "10mm 30 holes number of test tubes
Max. Speed	3000rpm	3000rpm	1500rpm	1500rpm
	Q7-5	Q7-6	Q7-7	Q7-8
Multiple Adaptive Modules Model	Q7-5	Q7-6	Q7-7	Q7-8
Applicable Type	"The diameter of the round hole is 17mm 5 hole number of test tubes"	Round hole diameter 12-13mm 16 hole number of test tubes	"Round hole diameter 15mm 12 holes number of sampling bottles"	PCR0.2mlx8 well connected tube or 0.2ml test tube PCR96 well plate
Max. Speed	1500rpm	1500rpm	1500rpm	1500rpm
	Q7-9	Q7-10	Q7-11	
Multiple Adaptive Modules Model	Q7-9	Q7-10	Q7-11	
Applicable Type	"The diameter of the round hole is 17mm 12-well number of test tubes."	"Round hole 50ml 2 hole number of test tubes"	"The diameter of the hole is 25mm 4 well number of cillin bottles/sampler bottles"	
Max. Speed	1500rpm	1500rpm	1500rpm	

Pure Series

Dry bath

originality
Strive for excellence
Prepare for the experiment



Characteristic Advantage

High efficiency, low noise and safety

- The safety voltage of the whole machine is DC24V to ensure the absolute safety of the experimental personnel in contact with the aluminum module;
- Easy to operate, with overtemperature cut off the power supply and alarm, quickly forced cooling, preserve precious experimental reagents;
- Excellent temperature stability and uniformity to ensure the accuracy of experimental data;
- PID digital temperature control, faster, more accurate, more convenient temperature calibration;
- OLED large screen display, so that more parameters more intuitive reproduction;
- High quality precision module machining ensures optimal thermal conductivity;
- Easier two-point temperature correction, $+/-5^{\circ}\text{C}$ zero correction and full degree correction;
- In different environments, it has the function of one-key self-tuning (AT) temperature parameters under the current environment.

Host Parameter

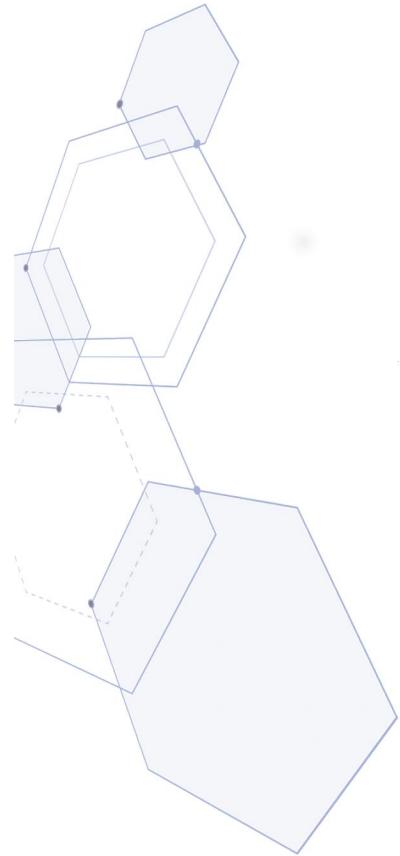
Product Model	H -100
Temperature Range	0^{\circ}\text{C}~100^{\circ}\text{C}
Temperature Control Range	RT+5^{\circ}\text{C}~100^{\circ}\text{C}
Temperature Stability /37^{\circ}\text{C}	$\pm 0.3^{\circ}\text{C}$
Temperature Uniformity /37^{\circ}\text{C}	$\pm 0.3^{\circ}\text{C}$
Setting Accuracy	0.1^{\circ}\text{C}
Display Accuracy	0.1^{\circ}\text{C}
Temperature Control Accuracy	$\pm 0.3^{\circ}\text{C}$
Display Mode	OLED
Heating Rate	25^{\circ}\text{C}~37^{\circ}\text{C} \leq 4\text{min}; 25^{\circ}\text{C}~100^{\circ}\text{C} \leq 15\text{min}
Cooling Method	fan cooling
Set Time	1~999sec/1~999min/Hold two modes are available
Dimensions: Length x Width x Height	L114×W140×H107
Input Voltage	DC24V
Input Power	56W
Net Weight (Kg)	0.8Kg
Security	overtemperature automatically disconnect power supply and alarm

Balance

Series

Precision balance 0.001g

Originality and originality
Strive for excellence
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High efficiency, low noise and safety

- The color touch screen provides bright and clear numbers that are easy to read under all lighting conditions. The touch screen is easy to operate, and the user interface is simple and intuitive. Anyone can use it.
- The sensor, Nuosheng sensor, is a well-known domestic brand. It features an aluminum alloy structure and high-precision sensors, which can ensure high accuracy and stability of the weighing results.
- Dynamic weighing, intelligent weighing, capable of weighing living creatures. The function is convenient and easy to use.
- Standard weights, one standard weight is given as a gift to assist you in calibration and use. The weights come in a plastic box for convenient storage. To avoid dust falling and affecting the weight.
- The entire machine is made of stainless steel countertop and stainless steel scale plate, with a resolution as high as 1.2 million pixels and adopts high-speed position 24-bit SAD, with excellent anti-interference, anti-radiation, anti-static and high performance, features weighing, counting and weighing functions repeat mode.



Glass hood (Single Display)	JK103PRO	JK203PRO	JK303PRO	JK403PRO	JK503PRO	JK603PRO
Glass hood (Dual Display)	JK103PROS	JK203PROS	JK303PROS	JK403PROS	JK503PROS	JK603PROS
Range	100g	200g	300g	400g	500g	600g
Readability	0.001g					
Repeatability	±0.002g					
linearity error	±0.002g					
Stability time	3 seconds					
Battery	6V1.3 lead-acid battery					
Unit	gctozot1b kgdrgn mmm tlthl gsm tmrtar pkt					
Weighing mode	Basic weighing, piecework weighing, percentage weighing, check weighing, animal weighing, density measurement, proportion weighing					
Weighing disk size	90mm					
Tare range	full scale					
Power requirements	Adapter input: 100-240V~200mA, 50-60Hz, 12-18VA Adapter output: 12VDC 0.5A					
Dimensions	280×190×270 mm					
Communication Interface	RS232, USB, Ethernet port					
net weight	4kg					
Transport weight	6kg					
Transport dimensions	43×30×41cm					
Options	   	Auxiliary display	Printer	Three-color warning light	Stainless steel weights	

Balance

Series

Precision balance 0.01g/0.1g

Originality and originality
Strive for excellence
Prepare for the experiment



Characteristic Advantage

High efficiency, low noise and safety

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Glass hood (Single Display)	JK103PRO	JK203PRO	JK303PRO	JK403PRO	JK503PRO	JK603PRO
Glass hood (Dual Display)	JK103PROS	JK203PROS	JK303PROS	JK403PROS	JK503PROS	JK603PROS
Range	100g	200g	300g	400g	500g	600g
Readability	0.001g					
Repeatability	±0.002g					
Linearity error	±0.002g					
Stability time	3 seconds					
Battery	6v1.3 lead-acid battery					
Unit	gct oz oztlb kg drgn mmm tlt lth gsm tmrtar pkt					
Weighing mode	Basic weighing, piecework weighing, percentage weighing, check weighing, animal weighing, density measurement, proportion weighing					
Weighing disk size	90mm					
tare range	full scale					
Power requirements	Adapter input: 100-240V~200mA, 50-60Hz, 12-18VA Adapter output: 12VDC 0.5A					
Dimensions	280×190×270 mm					
Communication interface	RS232, USB, Ethernet port					
Net weight	4kg					
Transport weight	6kg					
Transport dimensions	43×30×41cm					
Options	   	Auxiliary display Printer Three-color warning light Stainless steel weights				

Balance Series

Precision balance0.001g/0.01g/0.1g

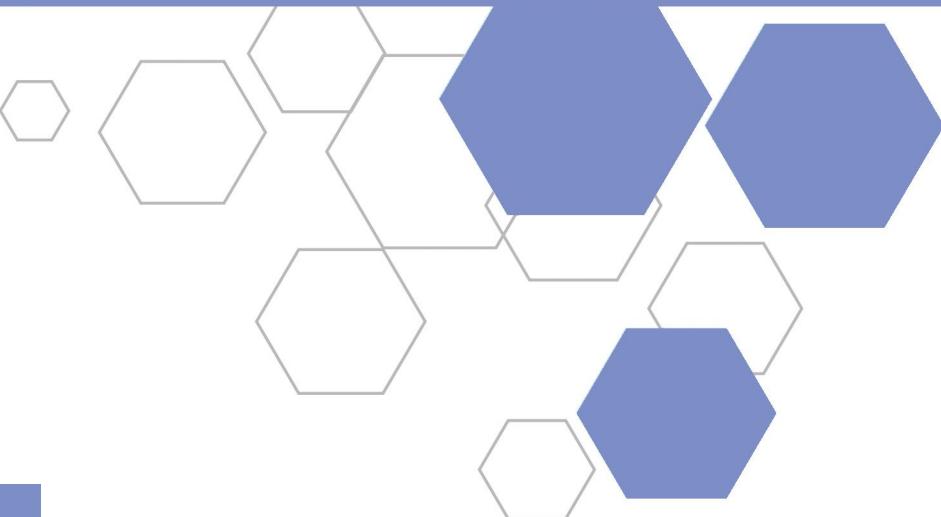
Originality and originality
Strive for excellence
Prepare for the experiment



Characteristic Advantage

High efficiency, low noise and safety

- Clear keys: Bright and clear keys are easy to operate under all lighting conditions. Each key has a clear function and is easy to use. The user interface is simple and intuitive, and anyone can use it.
 - The sensor, Nuosheng sensor, is a well-known domestic brand. It features an aluminum alloy structure and high-precision sensors, which can ensure the high accuracy and stability of weighing results.
 - Rear display, double-sided screen, reading can be done both front and back, convenient to use, with one-click switching between Chinese and English interfaces.
 - Standard weights are included as a gift to assist you in calibrating and using them. The weights come in a plastic box for convenient storage to prevent dust from affecting their weight.
 - The entire machine is made of stainless steel countertop and stainless steel scale plate, with a resolution as high as 1.2 million. It adopts high-speed 24-bit SAD, featuring excellent dry resistance, radiation resistance, and anti-static performance. It also has weighing, counting, and weighing modes.



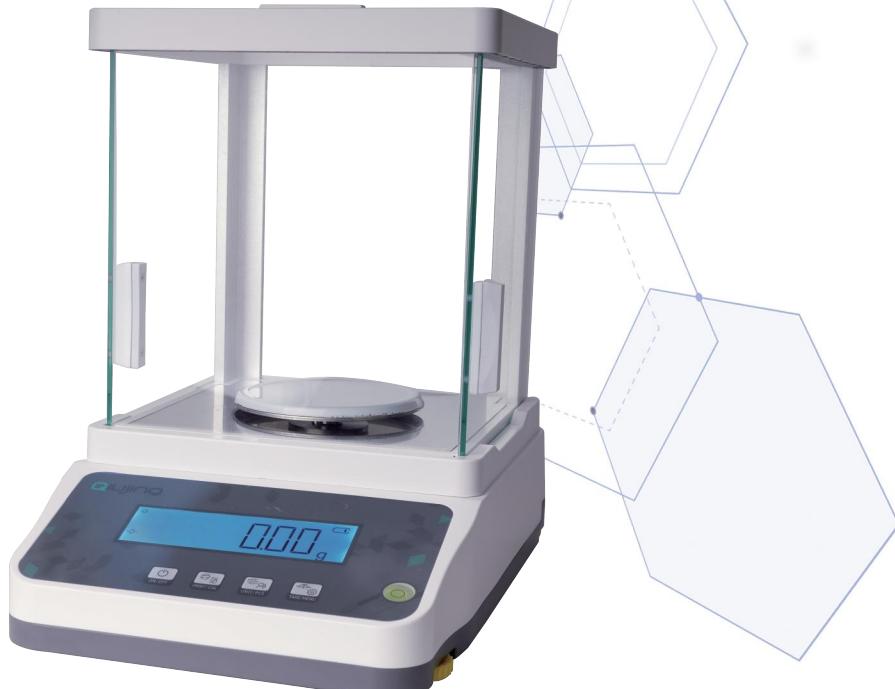
Model (Dual Display)	JK1002S	JK2002S	JK3002S	JK5002S	JK6002S	JK5001S	JK6001S	S
Range	1000g	2000g	3000g	5000g	6000g	5000g	6000g	10000g
Readability			0.01g				0.1g	
Repeatability			0.02g				0.2g	
Linearity error			0.02g				0.2g	
stability time				3 seconds				
Battery				7.4V lithium battery				
Unit			gct oz ozt lb kg drgn mmm tlt tlh gsm tmr tar pkt					
Weighing mode				Basic weighing, piecework weighing				
Weighing disk size				90mm				
Tare range				full scale				
Power requirements		Adapter input: 100-240V~200mA, 50-60Hz, 12-18VA	Adapter output: 12VDC 0.5A					
Dimensions			280×190×270 mm					
Communication			RS232, USB, Ethernet port					
net weight			2.5kg					
Transport weight			4kg					
Transport dimensions			34×25×16cm					
Options								
		Auxiliary display	Printer	Density device	Stainless steel weights			

Balance

Series

Precision balance 0.001g

Originality and originality
Strive for excellence
Prepare for the experiment



Characteristic Advantage

High efficiency, low noise and safety

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- Standard weights, one standard weight is given as a gift to assist you in calibration and use. The weights come in a plastic box for convenient storage. To avoid dust falling and affecting the weight.
- Standard weights are included as a gift to assist you in calibrating and using them. The weights come in a plastic box for convenient storage to prevent dust from affecting their weight.

Slope glass wind cover (Single Display)	JK103	JK203	JK303	JK403	JK503	JK603
Glass hood (Dual Display)	JK103S	JK203S	JK303S	JK403S	JK503S	JK603S
Range	100g	200g	300g	400g	500g	600g
Readability					0.001g	
Repeatability					0.002g	
Linearity error					0.002g	
Stability time					3 seconds	
Battery					7.4V lithium battery	
Unit					g ct oz ozt lb kg drgn mmm tlt tlh gsm tmrtar pkt	
Weighing mode					Basic weighing, piecework weighing	
Weighing disk					90mm	
Tare range					full scale	
Power					Adapter input: 100-240V, 200mA, 50-60Hz, 12-18VA. Adapter output: 12VDC, 0.5A	
Dimensions					280×190×270 mm	
Communication interface					RS232, USB, Ethernet port	
Net weight					4kg	
Transport					6kg	
Transport					43×30×41cm	
Options	Auxiliary display 	Printer 	Density device 	Stainless steel weights 		

Infrared sterilizer Series

Originality and originality
Strive for excellence
Prepare for the experiment



Type	LC-LSA-14	LC-LSA-35
Heating diameter	014mm	035mm
Length of heating zone	150mm	100mm
Heater Angle adjustment range	45°-105°	45°-105°
Heating gear	300°C/600°C/900°C	300°C/600°C/900°C
Maximum temperature	900°C±30°C	850°C±30°C
Supply voltage	AC220V/50HZ	AC220V/50HZ
Power	150W	250W
Net weight	1.31kg	1.38kg
Product size(L×W×H)	190×110×230mm	190×110×245mm

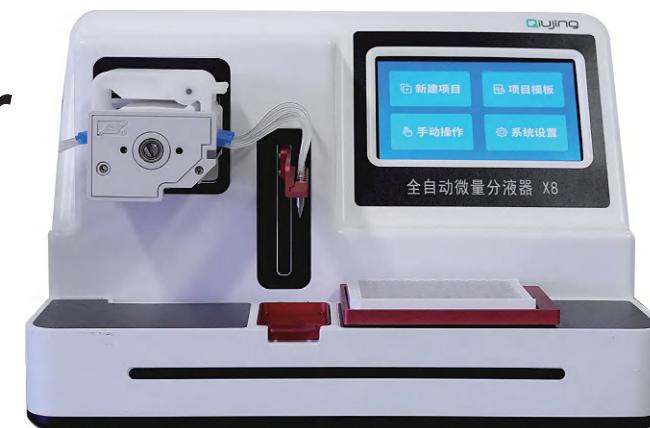
Characteristic Advantage

High efficiency, low noise and safety

- Infrared inoculation ring sterilizer makes the experiment more convenient and safe;
- Suitable for high temperature sterilization of inoculant rings, tweezers, scissors, test tubes and other small items;
- The sterilization speed is fast and more thorough. sterilization can be completed within 3 seconds at 900°C, reducing the intensity of experiments sterilization is more thorough;
- Infrared heating, no open flame suitable for anaerobic environment can replace alcohol lamp instrument no open flame, safe and reliable, no pollution;
- The temperature is adjustable in three grades, the appropriate temperature is independently selected, 45°-105° Angle adjustment, more convenient to use.

Liquid separator Series

AUTOMATIC MICRO LIQUID SEPARATOR



Type	
Applicable pattern	96 Orifice plate
Separation method	The whole plate or any column, can set the specified column of liquid volume
Separation speed	"High - low" two adjustable
Separation volume	1~2000μl
Separation pipe	8 channel
Display mode	7 inch color LCD touch screen
Separation precision	100μl<1.5%(96 orifice plate)
Auxiliary function	Oscillation, moistening and washing, back pumping, homing function

Characteristic Advantage

High efficiency, low noise and safety

- Widely used in disease control screening, food testing, animal quarantine, life science research and other fields of liberation the experimenter uses both hands to improve efficiency while avoiding errors;
- High separation accuracy, can reach 96 well plate 100ml error less than 1.5%, the minimum liquid volume as low as 5μl, adding time of 100μl in 96-well plate is 12s;
- The precision peristaltic pump is used for non-contact liquid separation, the whole machine is delicate and small;
- Color LCD touch screen, 7 inch color LCD touch screen, simple operation, liquid separation mode full page or any column can be selected.



721/722N/722N/S

Visible photometer Series

Visible photometer

Ingenuity
Keep improving
Get ready for the experiment



Characteristic Advantage

Born for precision

- Digital display measurement values;
- Bring about automatic zero automatic tuning;
- Bring about 5-100 - mm wide sample room can accommodate color dish ;
- Bring about matching output port RS232, can realize to connect printers, and connected to the computer function;
- Bring about using imported tungsten lamp, to ensure the service life of equipment;
- Bring about equipment using the latest computer processing technology, the operation is simple;
- Bring about automatic door light, guarantee the life of the photoelectric sensor, instrument testing easier;

Model	721	722	722N/S
Optical system	Achromatic(1200 bars/MM grating)		
Wavelength range		320-1020	
Wavelength accuracy		±2NM	
Spectral bandwidth	6NM	5NM	4NM
Wavelength repeatability	≤1NM		≤0.5NM
Transmittance accuracy	±1%T	±0.5%T	
Stability	±0.004A/H@500NM		±0.002A/H @500NM
Drift	≤0.2%T	≤0.1%T	
Noise	≤0.3%T	≤0.2%T	
Working mode		T,A,C	
Zero mode		Auto	
Weight		8KG	
Output mode		assorting	
Illuminant		Domestic/imported tungsten	
Print interface		assorting	
Brightness range	0-200%T,-3-3A,0-9999C		

UV752/UV752N

Ultraviolet photometer Series

Ultraviolet photometer



Ingenuity
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Characteristic Advantage Born for precision

- The large sample room can accommodate 5-100mm cuvettes. Bring about (optional), can be directly connected special printer to print the data;
- Bring about key components all adopt the imported configuration, ensure the accuracy and precision of measurement;
- Bring about digital display measuring values;
- Bring about equipment using the latest computer processing technology, the operation is simple;
- Bring about automatic door light, guarantee the life of the photoelectric sensor, instrument testing easier;

Model	UV752	UV752N
Optical system	Achromatic(1200 bars/MM grating)	
Wavelength range	195-1020NM	
Wavelength accuracy	$\pm 2\text{NM}$	
Spectral bandwidth	5NM	4NM
Wavelength repeatability	1NM	
Photometric accuracy	0.5%T	
Photometric repeatability	0.2%T	
Brightness range	0-200%T,-3-3A	
Drift	$\leq 0.2\%$ T	
Base line	$\pm 0.004\text{A/H@500}$	$\pm 0.002\text{A/H@500NM}$
Noise	$100\% \leq 0.3\%$ T	
Stability	$\pm 0.004\text{A/H@500}$	$\pm 0.002\text{A/H@500NM}$
Workingmode	T,A,C	
Display range	0-200%T,-0.3-3A	
Display system	4-bit LCD LED display	
Wavelengthdrive	Manual operation	
Printer(interface)	Thermal printer(parallel port)optional	
Energy(lamp source)	Imported tungsten lamp,imported deuterium lamp	
Net weight	12KG	
Light switching mode	Auto	



UV754N/UV755B

Ultraviolet photometer Series

Ultraviolet photometer

Ingenuity
Keep improving
Get ready for the experiment



Characteristic Advantage Born for precision

- The large sample room can accommodate 5-100mm cuvettes. Bring about (optional), can be directly connected special printer to print the data;
- Bring about key components all adopt the imported configuration, ensure the accuracy and precision of measurement;
- Bring about digital display measuring values;
- Bring about equipment using the latest computer processing technology, the operation is simple;
- Bring about automatic door light, guarantee the life of the photoelectric sensor, instrument testing easier;

Model	UV754N	UV755B
Wavelength drive	Automatic wavelength	
Wavelength range	200-1000NM	190-1100NM
Wavelength accuracy	±2NM	±1NM
Wavelength repeatability	0.5NM	0.2NM
Spectral bandwidth	4NM	2NM
Transmittance accuracy	±0.5%T	
Transmission specific gravity recombination	0.2%T	
Transmittance range	0.0-200%T	
Brightness range	-3-3A,0-200%T,0-9999C	
Stray light	0.2%T@200NM/360NM	
Stability	±0.002A/H@500NM	
Display mode	128×64 bit dot matrix LCD display	
Communication mode	USB interface	
Printer	assorting	
Analysis software	Optional software/can do curves and scanning	
Noise level	±0.001A/2MIN@500NM	
Baseline flatness	0.002A/H	



UV756CRT/UV759CRT

Ultraviolet photometer Series

Ultraviolet photometer

Ingenuity
Keep improving
Get ready for the experiment



Characteristic Advantage Born for precision

- 1200 bars /mm high performance grating. The new light source control system makes the instrument light source switch faster;
- Bring about accurate 2 nm bandwidth, make more accurate test data. The use of imported long life light source, reduce the consumption of user supplies;
- Bring about special wavelength control system, make the wavelength accuracy is higher. The improved optical system makes the test more accurate ;
- Bring imported photoelectric converter, the sensitivity of the instrument is higher ;
- Bring about a new microcomputer data processing system. The use of the instrument is more convenient and the stability is better ;
- Bring about instrument adopts 126 * 64 dot matrix LCD, can be directly according to the standard curve and test data, the host can store test data, and optional printer ;

Model	UV756CRT	UV759CRT
Wavelength range	190-1100NM	
Wavelength accuracy	±0.5NM	±0.3NM
Wavelength repeatability	0.2NM	0.1NM
Spectral bandwidth	2NM	1.8NM
Transmittanceaccuracy	±0.5%T	±0.3%T
Transmission specific gravity	0.2%T	0.1%T
Baseline flatness	0.001A/H	
Brightness range	-3-3A,0-200%T,0-9999C	
Stray light	0.05%T@220NM/360NM	
Stability	±0.001A/H@500NM	
Displaymode	128×64 bit dot matrix LCD display	
RS232communication	USB interface	
Printer	assorting	
Analysis software	Optional software/can do curves and	
Automatic octuple	assorting	
Optical system	Proportional double beam detection	
Noise leve	±0.001A/2MIN@500NM	

YKJ-16

Series

Intelligent digester

Ingenuity
Keep improving
Get ready for the experiment



Characteristic Advantage Born for precision

- Color liquid crystal display: large screen high resolution liquid crystal display;
 - Bring a wide range of parameters: the digestion temperature and time can be large range adjusted freely, regularly versatility is better;
 - Bring highly intelligent: persisting in 5 instruments digestion procedure and a set of custom digestion procedures ;
 - Bring in line with national standards, the technical indicators fully meet or higher than the national standards ;
 - Bring about automatic start timing: after water into has reached the awaited state, after the temperature rise to eliminate temperature automatic timing starts ;
 - Bring energy saving save electricity: high insulation performance, reaches the preset time automatically stop heating ;



Model	YKJ-16
Heating rate	Rise to set temperature 165°C in 10 minutes
Capacity	16
Resolution capacity	0-10ml
Delay protection	Support
Intelligent heating	Support
Custom mode	3
Clock real-time display	Support
Quick switching of resolution mode	Support
Timing function	Support
Program upgrade	Support
Heat up to complete the alarm	Support
Instrument overheat protection	Support
Digestion plate	Prevent burns caused by misoperation
Digestion shield	High light transmission integrated security protection
Rated voltage	AC220V/50Hz municipal power supply
Rated power	900W
Overall dimensions(mm)	340*240*214
Instrument weight (kg)	6.0
use	Can be used for COD, total nitrogen, total phosphorus
Prestore the resolution program	Six kinds of program such as COD, total nitrogen, total phosphorus, hexavalent chromium and custom digestion programs
Display mode	128*64 LCD screen
Digestion temperature	45-210°C (user can set)
Temperature indication error	≤ ±2%
Timing range	One minute-99 hours



HW-S-1P/2P/4P/6P/8P

Series

Multi-point stirring water bath



Ingenuity
Keep improving
Get ready for the experiment

Model	HW-S-1P	HW-S-2P	HW-S-4P	HW-S-6P	HW-S-8P
Volume	3L	6L	10L	16L	22L
Heating Power	300W	500W	1000W	1500W	2000W
Work rate	1X250ML	2X250ML	4X250ML	6X250ML	8X250ML
Temperature Fluctuation	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temperature Controlrange	RT+5-99°C				
Temperature Controlaccuracy	±0.5°C				
Stirring rate	0-1000rpm				
Electric source	110V60HZ/220V50HZ				
Studio size(MM)	160X160X12	300X160X12	300X300X12	460X300X12	600X300X12
Machinesize(MM)	230X230X24	370X230X24	370X370X24	530X370X24	670X370X24
Package size(MM)	290X290X28	410X280X28	420X410X28	610X430X28	730X430X28
Gross/net weight	3.5/3KG	4.5/4KG	6/5 KG	7.5/6.5KG	9/8KG

Characteristic Advantage Born for precision

- U-shaped heating & water bath cycle, completely solve the traditional water bath "hot on the cold" pain point;
- Intelligent temperature control, speed regulation of water bath mixing, internal increase of stirring magnetic force, multi-station mixing, the maximum beaker capacity of 150ml;
- Stainless steel liner, high temperature resistance, corrosion resistance, easy to clean Stainless steel heating tube design, heating faster;
- Intelligent digital display, at a glance, easy to observe;
- Circulating stirring, high uniformity, multi-layer ring butterfly cap ;



PHS-3C

PH Meter Series

Benchtop pH Meter

Ingenuity
Keep improving
Get ready for the experiment



Characteristic Advantage

Support data storage

- Dustproof and splashproof grade design, IP54 dustproof and splashproof grade design;
- Wireless Bluetooth mobile phone computer transmission can store 1000 sets of measurement data;
- Durable button, using OMRON long life light touch button type, convenient and durable, up to more than 100,000 times;
- It is a measuring element of PH meter. It is used to measure the pH value in aqueous solution. It has strong anti-interference ability and can accurately set the temperature of the measured solution;
- The microprocessor chip automatically identifies the PH standard buffer solution, and the standard buffer solution can be selected: European and American series, NIST series and Chinese series;

Model	PHS-3C
Instrument Features	LED digital display, with manual temperature compensation function, can use one or two point calibration
Instrument Class	Level 0.1
Measurement Range	pH:(0.00~14.00)pH mV:(0~±1999)
Resolution	pH:±0.01 mV:±1mV
Fundamental error	pH:±0.01pH mV:±0.1%(FS)
Input resistance	≥1×10 ¹² Ω
Stability	±0.01pH/3h
Temperature compensation	(0~100)°C manual
Dimensions	300×220×90mm
Weight	1.6kg
Instrument configuration	One pH compound electrode and 3 bottles of calibration powder

P902

Series

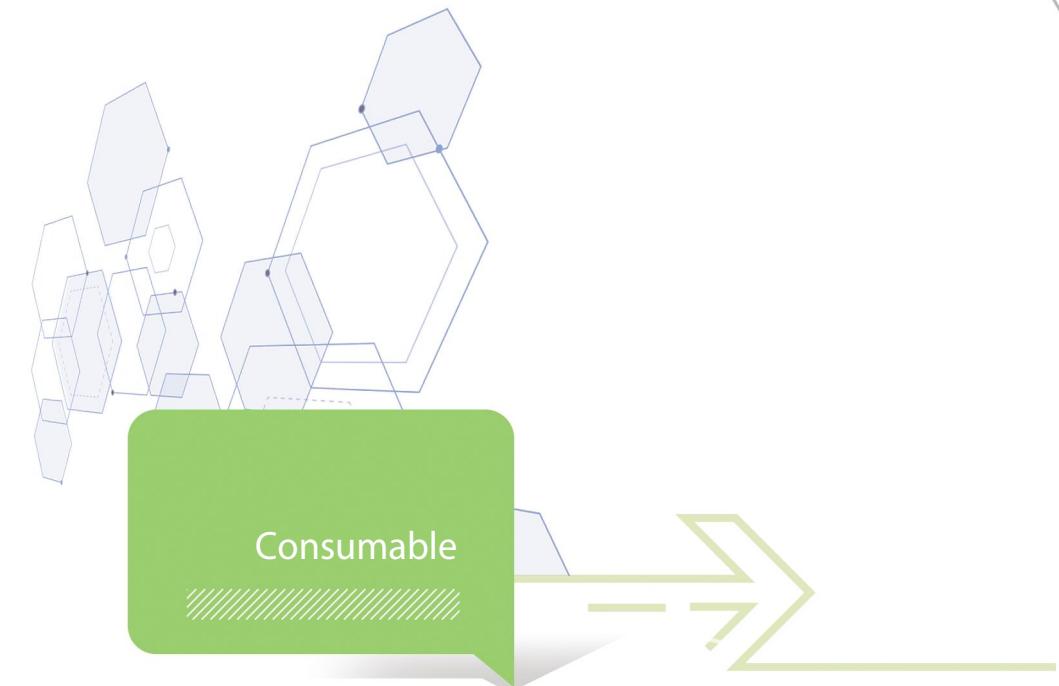
Conductivity measuring instrument

Ingenuity
Keep improving
Get ready for the experiment

Characteristic Advantage Automatic temperature compensation

- 6.5-inch LED screen, clear reading, complete parameter display, intuitive, user-friendly interface operation;
- The microprocessor chip automatically recognizes 8 kinds of conductivity standard solutions;
- Conductivity composite electrode focuses on water quality analysis;
- Built-in mass storage can store 1000 sets of measurement data, support wireless Bluetooth printing, easy to operate. Optional support wireless Bluetooth to mobile phone computer data transmission;
- Omron long-life light touch button type, convenient and durable, up to 100,000 times more, IP54 dust and splash grade design ;

Model	P902
Display screen	6.5-inch LED screen
Display parameter	Conductivity, resistivity, TDS, salinity, temperature
Conductivity measurement range	(0~200)mS/cm, Divided into five ranges: (0.00~20.00)us/cm(20.0~200.0)uS/cm (200-2000)uS/cm(2.00-20.0)ms/cm(20.0~200.0)ms/cm
Conductivity resolution	0.01/0.1/1uS/cm;0.01/0.1ms/cm
Conductivity accuracy	Electrical meter: 1.0%FS, matching: 1.50%FS
Resistivity measurement range	(0~100)Ma-cm
TDS	(0~100)g/L
salinity	(0~100)ppt
Temperature measuring range	(0~100)°C
Temperature compensation range	(0~100)°C
Temperature resolution	0.1°C
Relative accuracy of temperature	±0.5°C
Electrode constant	0.1/1/10cm-1
Reference temperature	25°C、20°C、18°C
Data storage	2000group
Communication interface	USB, wireless Bluetooth, USB micro interface
humidity	5-85%
Power source	12V1A
Product size and weight	(215x175x35mm)570g
Store content	Number, value, unit, temperature, time



Characteristic Advantage

Shanghai Qijiang Biochemical Reagent Instrument Co., Ltd. is a comprehensive company integrating research and development, production and trade. The related fields of consumables always pay attention to the development of scientific frontiers, timely and in-depth understanding of the needs of the majority of users, and products are widely used in life Biology, molecular biology, genetic testing, biological engineering, medicine, hospital clinical testing and many other fields.

Qijiang adhere to the strict control of product quality, pay more attention to product development and development of new products. All consumable products for Qijiang, they are all produced with advanced high-precision abrasives, strictly implementing FDA QSR standards, and the products are odor-free, smooth and transparent. in-class Products in the leading level.

Smooth cell counting chamber slides Characteristic advantage



Clear scale lines, good visibility, fine workmanship, good transparency, accurate data, H-shaped groove.

Product Name	Product Number	Product Model
Smooth Cell counting Chamber Slides	20230092	XB-K-25

Bright line cell counting chamber slides Characteristic advantage



Metal silver bottom, clear scale lines, good visibility, fine workmanship, good transparency, precise data, H-shaped notch, surface specially processed and polished.

Product Name	Product Number	Product Model
Bright line cell counting Chamber Slides	20230093	XB-K-25Plus



Dark line cell counting chamber Slides Characteristic advantage



Clear and easy to read, accurate counting, ease eye fatigue, dark side counting board separator line is still clear even after repeated rinsing, ensure its long-term durability and accuracy

Product name	Product Number	Product Model
Dark line cell counting Chamber Slides	20230094	XB-K-25Pro



Characteristic Advantage

Ensure that the product has no heat source, no endotoxin, no DNase, no RNA enzyme and the inner wall is smooth, optimize the aperture and ensure smooth sample absorption. No leakage, no wall hanging, to ensure the accuracy of the lotion with good transparency, easy to use when observing the liquid surface resistance is strong, can be used for each A kind of organic solution suction, with good sealing and compatible with single channel and multi-channel pipette



Product Picture	Product Series	Product Number	Product Name	Volume	Colour	Packing Specification
 In bags no filter element	2302A0010	10µL Clear bag pipette tip	10µL	colourless	1000 pieces/bag, 20 bags/ctn	
	2302A0010L	10µL Extended clear bag pipette tip	50µL	colourless	500 pieces/bag, 20 bags/ctn	
	2302A0200	200µL Yellow bag pipette tip	200µL	yellow	1000 pieces/bag, 20 bags/ctn	
	2302A0300	300µL Clear bag pipette tip	300µL	colourless	1000 pieces/bag, 20 bags/ctn	
	2302A1000	1000µL Clear bag pipette tip	1000µL	colourless	1000 pieces/bag, 5 bags/ctn	
	2302A1250	1250µL Blue bag pipette tip	1250µL	blue	1000 pieces/bag, 5 bags/ctn	
	2302A5000	5000µL Clear bag pipette tip	5000µL	colourless	100 pieces/bag, 10 bags/ctn	
	2302A10000	10mL Clear bag pipette tip	10mL	colourless	100 pieces/bag, 10 bags/ctn	
 In bags with filter element	2302B0010	10µL Filter pipette tip in clear bag	10µL	colourless	1000 pieces/bag, 10 bags/ctn	
	2302B0010L	10µL Extended clear bag filter pipette tip	50µL	colourless	500 pieces/bag, 20 bags/ctn	
	2302B0200	200µL Yellow bag filter pipette tip	200µL	yellow	1000 pieces/bag, 10 bags/ctn	
	2302B0300	300µL Filter pipette tip in clear bag	300µL	colourless	1000 pieces/bag, 20 bags/ctn	
	2302B1000	1000µL Filter pipette tip in clear bag	1000µL	colourless	1000 pieces/bag, 5 bags/ctn	
	2302B1250	1250µL Blue bag filter pipette tip	1250µL	blue	1000 pieces/bag, 5 bags/ctn	
	2302B5000	5000µL Filter pipette tip in clear bag	5000µL	colourless	100 pieces/bag, 10 bags/ctn	
	2302B10000	10mL Filter pipette tip in clear bag	10mL	colourless	100 pieces/bag, 10 bags/ctn	
 boxed no filter element	2302C0010	10µL Clear box pipette tip with box	10µL	colourless	96 pieces/box, 50 boxes/ctn	
	2302C0010L	10µL Extended clear box pipette tip with box	50µL	colourless	96 pieces/box, 50 boxes/ctn	
	2302C0200	200µL Yellow box pipette tip with box	200µL	yellow	96 pieces/box, 50 boxes/ctn	
	2302C0300	300µL Clear box pipette tip with box	300µL	colourless	96 pieces/box, 50 boxes/ctn	
	2302C1000	1000µL Clear box pipette tip with box	1000µL	colourless	96 pieces/box, 50 boxes/ctn	
	2302C1250	1250µL Blue box pipette tip with box	1250µL	blue	96 pieces/box, 50 boxes/ctn	
	2302C5000	5000µL Clear box pipette tip with box	5000µL	colourless	24 pieces/box, 30 boxes/ctn	
	2302D0010	10µL Clear pipette tip with box	10µL	colourless	96 pieces/box, 50 boxes/ctn	
 boxed with filter element	2302D0010L	10µL Extended clear pipette tip with box	50µL	colourless	96 pieces/box, 50 boxes/ctn	
	2302D0200	200µL Yellow pipette tip with box	200µL	yellow	96 pieces/box, 50 boxes/ctn	
	2302D0300	300µL Clear pipette tip with box	300µL	colourless	96 pieces/box, 50 boxes/ctn	
	2302D1000	1000µL Clear pipette tip with box	1000µL	colourless	96 pieces/box, 50 boxes/ctn	
	2302D1250	1250µL Blue pipette tip with box	1250µL	blue	96 pieces/box, 50 boxes/ctn	
	2302D5000	5000µL Clear pipette tip with box	5000µL	colourless	24 pieces/box, 30 boxes/ctn	

Vacuum filtration Series

DISPOSABLE VACUUM FILTER DEVICE

Originality and originality
Strive for excellence
Prepare for the experiment



	250ml	500ml	1000ml
Filter cup material	ABS+PS		
Effective filtration area	19.6cm ²	64cm ²	64cm ²
Aperture(μm)	0.1、0.22、0.45、0.1+0.22、0.22+0.45、0.22+0.8		
Filter membrane material	Polyethersulfone (PES), cellulose acetate (CA), Nylon (Nylon), hydrophilic polyvinylidene fluoride (PVDF)		
Maximum operating pressure	-10psi		
Operating temperature	25~50°C		
Storage temperature	25~30°C		
Packaging	Independent packaging		
Aseptic requirements	SAL10-6		
Sterilization method	Y sterilization		
Bacterial Challenge Experiment	LRV>7		

Characteristic Advantage

High efficiency, low noise and safety

- Single-use, Y-ray pre-sterilized;
- Sterilization filtration efficiency (0.22 μm): LRV>7 Defective short-wave monomomas, ATCC19146, ASTM Bacterial Challenge Test;
- Biological safety testing, in compliance USP<87>, USP<88>;
- No heat source, no nuclease, no surfactant, extremely low extract;
- Extremely low protein adsorption rate <1.5%(PES), ultra-high flow rate and flux, faster and more liquid filtration; The GL45 interface is suitable for routine receiving containers in laboratories.

Centrifuge tube Series

ULTRAFILTRATION CENTRIFUGE TUBES



Product Catalogue	0.5ml	4ml	15ml
Filter	PC(polycarbonate generation)		
Filter membrane	Polybond sulfone		
Filtrate tube	PP material		
Filtrate cap and lining	PP material		
Effective filtration area	0.9cm ²	3.5cm ²	7.2cm ²
Centrifugal filter size. (Stamped)	Length (concentration mode: filter inserted in outer tube):50.3mm Length (reverse centrifugation: filters are inserted in the outer tube):46.8mm Diameter: 10.9mm	The total length is 122mm Diameter 17mm	The total length is 117mm Diameter 31mm
Internal filter size	Length: 29.2mm Diameter: 9.4mm	Length: 675mm Diameter: 145mm	Length: 75mm Diameter: 28mm
Retained volume	≤5μl	≤20μl	≤30μl
Locking volume	10-20μl	50-100μl	300μl
Operating temperature	0-40°C		
PH range	1-14		
"Maximum centrifugal force (Ultrafiltration)	14000g	Horizontal centrifugation at 4000g	Centrifugal 4000g horizontally (100KD is 3000g)
Maximum centrifugal force (Microfiltration)		Fixed Angle centrifugation 6000g	Constant Angle centrifugation at 5000g(100KD is 3000g)
Centrifuge type	/	10000g	6000g
Disinfection sterilization	It is suitable for centrifuges that accept standard 1.5mL conical tubes	Fit to receive standard 15mL Cone-tube centrifuge	Fit to receive standard 50mL Cone-tube centrifuge
	It can be used for disinfection and sterilization by filtering 70% ethanol through the equipment before use		

Characteristic Advantage

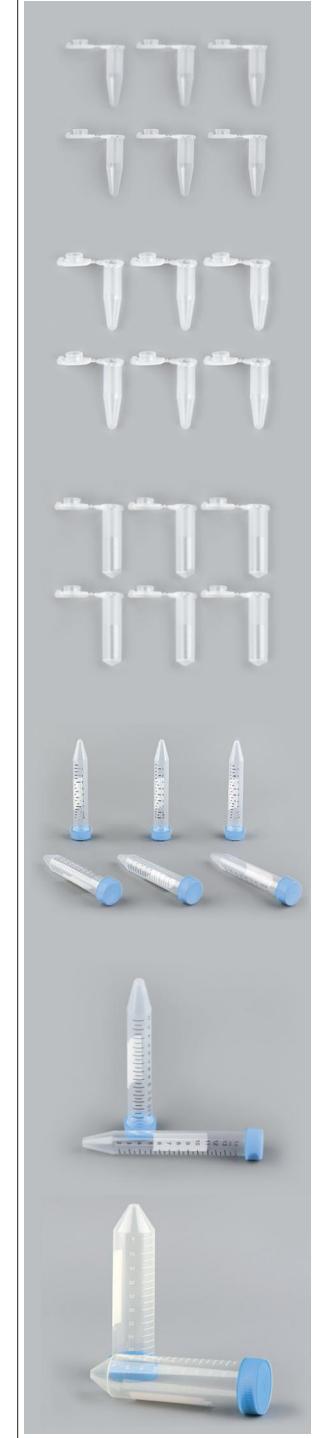
High efficiency, low noise and safety

- High retention accuracy, low protein adsorption, and high recovery rate >90%;
- Double-sided vertical membrane design, preventing membrane clogging, ultra-low retention volume, and high centrifugal efficiency;
- Outstanding biocompatibility and safety, with very few extracts, certified by USP87;
- Multiple membrane options, OEM customization.



Characteristic Advantage

Applicable to bacteria, cells, proteins, accounting and other biological sample collection, packaging, and centrifugal use of materials to comply with USP-6 PP material, does not contain any heavy metal ions the inner wall is smooth, to ensure that the sample no residue, high transparency for easy observation, suitable for the marketCommonly used centrifuges withstand a temperature range of -80 degrees to 120 degrees

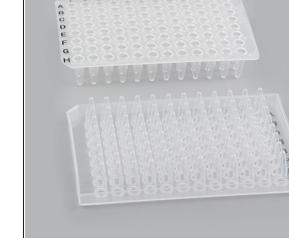
Product Picture	Product Series	Product Number	Product Name	Packing Specification
	Centrifuge tube	2302K001	0.5ml Colorless centrifuge tube	1000 pieces/bag 25 bags/ctn
		2302K002	1.5ml Colorless centrifuge tube	500 pieces/bag 20 bags/ctn
		2302K003	2.0ml Colorless centrifuge tube	500 pieces/bag 20 bags/ctn
		B2302K0019	5ml Round bottom with cap scale	300 PCS/bag 35 bags/ctn
		2302K004	10ml Pointy-bottom centrifuge tube	100 PCS/bag 20 bags/ctn
		2302K005	15ml Pointy-bottom centrifuge tube	100 PCS/bag 38 bags/ctn
		2302K006	50ml Pointy-bottom centrifuge tube	50 pieces/bag 26 bags/ctn



Characteristic Advantage

Using clean polypropylene (PP) raw material, the pipe wall is thin and the thickness is uniform, high sealing performance, preventing pollution, suitable for 0.1ML 0.2ML Thermal cycle module no DNA enzyme, no RNA enzyme, no heat source, no inhibitor contamination suitable for standard 96-well templates, in strict accordance with the highest Quality standard production



Product Picture	Product Series	Product Number	product Name	Range	Colour	Packing Specification
	PCR single tube (flat cover)	2302G002	0.2ml PCR Single tube (flat cap)	0.2ml	transparent	1000 pieces/box, 10 boxes/ctn
		2302G005	0.5ml PCR Single tube (flat cap)	0.5ml	transparent	500 pieces/box, 10 boxes/ctn
	8 Trips PCR Tubes	2302F001	0.1ml 8 trips PCR tubes (Type A)	0.1ml	transparent	125 rows/bag, 10 bags/ctn
		2302F002	0.1ml 8 trips PCR tubes (Type A)	0.1ml	white	125 rows/bag, 10 bags/ctn
		2302F003	0.1ml 8 trips PCR tubes (Type B)	0.1ml	transparent	125 rows/bag, 10 bags/ctn
		2302F004	0.1ml 8 trips PCR tubes (Type B)	0.1ml	white	125 rows/bag, 10 bags/ctn
		2302F005	0.2ml 8 trips PCR tubes (Type A)	0.2ml	transparent	125 rows/bag, 10 bags/ctn
		2302F006	0.2ml 8 trips PCR tubes (Type A)	0.2ml	white	125 rows/bag, 10 bags/ctn
		2302F007	0.2ml P8 trips PCR tubes (Type B)	0.2ml	transparent	125 rows/bag, 10 bags/ctn
		2302F008	0.2ml 8 trips PCR tubes (Type B)	0.2ml	white	125 rows/bag, 10 bags/ctn
	0.2ml PCR96 plate	2302H001	0.2ml PCR96 Orifice plate - no skirt	pressless	transparent	10 yuan/bag, 5 bags/ctn
		2302H002	0.2ml PCR96 Orifice plate - no skirt	pressless	white	10 yuan/bag, 5 bags/ctn
		2302H003	0.2ml PCR96 Orifice plate - no skirt	Black print	transparent	10 yuan/bag, 5 bags/ctn
		2302H004	0.2ml PCR96 Orifice plate - no skirt	Black print	white	10 yuan/bag, 5 bags/ctn
		2302H005	0.2ml PCR96 Orifice plate - no skirt	pressless	transparent	10 yuan/bag, 5 bags/ctn
		2302H006	0.2ml PCR96 Orifice plate - no skirt	Black print	transparent	10 yuan/bag, 5 bags/ctn
		2302H007	0.2ml PCR96 Orifice plate - no skirt	Black print	transparent	10 yuan/bag, 5 bags/ctn
		2302H008	0.2ml PCR96 Orifice plate - no skirt	Black print	transparent	10 yuan/bag, 5 bags/ctn
		2302H009	0.2ml PCR96 Orifice plate - no skirt	Black print	white	10 yuan/bag, 5 bags/ctn



Characteristic Advantage

Good transparency, easy to observe. The end of the tube can be heat-sealed for the transport of small amounts of liquid. Good elasticity, not easy to break, suitable for fast Pipette. Easy to use, accurate and reliable, good repeatability of drops.



Product Picture	Product Name	Product Number	Volume	Charac-Teristics	Colour	Packing Specification
Continuous pipettor		2302I001	0.5ml	black brush	transparent	100 PCS/box
		2302I002	1.25ml	black brush	transparent	100 PCS/box
		2302I003	2.5ml	black brush	transparent	100 PCS/box
		2302I004	5ml	black brush	transparent	50 PCS/box
		2302I005	12.5ml	black brush	transparent	50 PCS/box
		2302I006	25ml	black brush	transparent	20 PCS/box
		2302I007	50ml	black brush	transparent	10 PCS/box



Characteristic Advantage

A petri dish is a shallow, cylindrical, lidded dish used in laboratories for culturing microorganisms or cells. It consists of a flat, round bottom and a matching lid, designed for laboratory procedures such as inoculation, streaking, and isolating bacteria. It can also be used for the cultivation of plant materials.

Product Picture	Product Name	Product Number	Specification mm	Colour	Package Specification
               	Petri dish	2302Q0001	35*15	High transparency	10 pcs/bag,200 bags/ctn
		2302Q0002	60*15	High transparency	10 pcs/bag,100 bags/ctn
		2302Q0003	65*15	High transparency	10 pcs/bag,100 bags/ctn
		2302Q0004	70*15	High transparency	10 pcs/bag,100 bags/ctn
		2302Q0005	90*15 machine (used)	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0006	90*15light	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0007	90*15heavy	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0008	90*15 two frames	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0009	90*15 three frames	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0010	90*15 four squares	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0011	90*20	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0012	150*15	High transparency	10 pcs/bag,20 bags/ctn
		2302Q0013	130*130	High transparency	10 pcs/bag,30 bags/ctn
		2302Q0014	100*100	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0015	100*15	High transparency	10 pcs/bag,50 bags/ctn
		2302Q0016	120*20	High transparency	10 pcs/bag,32 bags/ctn

NEEDLE FILTER

Series

Needle filter

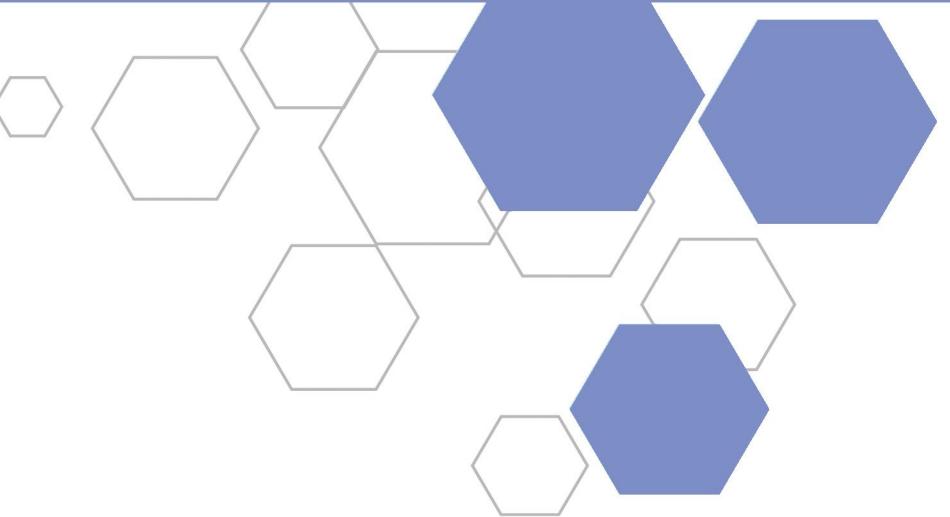
Ingenuity
Keep improving
Get ready for the experiment



Characteristic Advantage

Organic system/water system

- The precise structure and reasonable design of the filter housing ensure low sample residue and smoother filtration;
- Good filtering effect with uniform pore size and high porosity;
- Domestic filter membrane, low adsorption, small sample adsorption, reduce waste;
- Reliable quality, trustworthy, 5 different colors, a variety of different specifications, easy to distinguish;
- Bring energy saving save electricity: high insulation performance, reaches the preset time automatically stop heating;



Mode	Material	Colour	Diameter	Aperture	Validity	Quantity/box
Organic	Organicnylon 6	Yellow	13mm	0.22 μm	Five years	100 PCS/box
Organic	Organicnylon 6	Yellow	13mm	0.45 μm	Five years	100 PCS/box
Organic	Organicnylon 6	Yellow	25mm	0.22 μm	Five years	100 PCS/box
Organic	Organicnylon 6	Yellow	25mm	0.45 μm	Five years	100 PCS/box
Drainage	Mixed cellulose MCE	Green	13mm	0.22 μm	Five years	100 PCS/box
Drainage	Mixed fiber cable MCE	Green	13mm	0.45 μm	Five years	100 PCS/box
Drainage	Mixed fiber cableMCE	Green	25mm	0.22 μm	Five years	100 PCS/box
Drainage	Mixed fiber cableMCE	Green	25mm	0.45 μm	Five years	100 PCS/box
Drainage	Polyether sulfone PES	Green	13mm	0.22 μm	Five years	100 PCS/box
Drainage	Polyether sulfone PES	Green	13mm	0.45 μm	Five years	100 PCS/box
Drainage	Polyether sulfone PES	Green	25mm	0.22 μm	Five years	100 PCS/box
Drainage	Polyether sulfone PES	Green	25mm	0.45 μm	Five years	100 PCS/box
Hydrophilic	Tetrafluoroethylene PTFE(Q)	Red	13mm	0.22 μm	Five years	100 PCS/box
Hydrophilic	TetrafluoroethylenePTFE(Q)	Red	13mm	0.45 μm	Five years	100 PCS/box
Hydrophobic	PTFE(S)	Red	13mm	0.22 μm	Five years	100 PCS/box
Hydrophobic	PTFE(S)	Red	13mm	0.45 μm	Five years	100 PCS/box
Hydrophilic	Tetrafluoroethylene PTFE(Q)	Red	25mm	0.22 μm	Five years	100 PCS/box
Hydrophilic	Tetrafluoroethylene PTFE(Q)	Red	25mm	0.45 μm	Five years	100 PCS/box
Hydrophobic	PTFE(S)	Red	25mm	0.22 μm	Five years	100 PCS/box
Hydrophobic	PTFE(S)	Red	25mm	0.45 μm	Five years	100 PCS/box
Hydrophilic	Polyvinylidene	Fuchsia	13mm	0.22 μm	Five years	100 PCS/box
Hydrophilic	PolyvinylidenefluoridePVDF	Fuchsia	13mm	0.45 μm	Five years	100 PCS/box
Hydrophobic	Polyvinylidene fluoride	Fuchsia	13mm	0.22 μm	Five years	100 PCS/box
Hydrophobic	Polyvinylidene fluoride	Fuchsia	13mm	0.45 μm	Five years	100 PCS/box
Hydrophilic	Polyvinylidene fluoride	Fuchsia	25mm	0.22 μm	Five years	100 PCS/box
Hydrophilic	Polyvinylidene	Fuchsia	25mm	0.45 μm	Five years	100 PCS/box
Hydrophobic	Polyvinylidene	Fuchsia	25mm	0.22 μm	Five years	100 PCS/box
Hydrophobic	Polyvinylidenefluoride	Fuchsia	25mm	0.45 μm	Five years	100 PCS/box



Characteristic Advantage

Ring type pipette holder, placed in the butt-hole position more stable, effectively prevent falling, practical and beautiful; Non-slip foot pad, placed smoothly, not easy to fall; Save space, strong and durable.

Characteristic Advantage

L-shaped linear holder can accommodate up to 6 straws; The material is stable, strong and durable; Acid, alkali, high temperature (<150°C) and high pressure resistance, welcome to choose.