

Aiken Corp.



Aiken

AIKEN COMPANY PROFILE

The Aiken Corporation is an American lab equipment manufacturer based in Southern California. Since 1988, Aiken has been producing and exporting high quality laboratory equipment at competitive prices. Aiken manufactures a wide range of equipment from foreign and domestic components: centrifuges, incubators, dry ovens, water and oil baths, autoclaves, and other general lab equipment. Please visit our catalogue page for a complete list of our products. Through its global and domestic manufacturing networks, Aiken has supplied laboratories and hospitals in over 60 countries with the latest equipment so that they can fulfill their mission of protecting the public's health.

THE AIKEN ADVANTAGE

The Aiken Corporation has a strong tradition for producing high quality equipment and providing excellent customer service. With nearly 30 years of experience in manufacturing and exporting laboratory equipment, Aiken has the expertise and the capability to provide your firm with the most competitive priced laboratory equipment. Here are some of the benefits of choosing Aiken:

Original Equipment Manufacturer (OEM) / Customized Manufacturing

Unlike many manufacturers, Aiken does not sub-contract the design or production of its products. All Aiken products are designed, engineered, and manufactured in facilities that are owned and operated by the Aiken Corporation. This level of ownership ensures that our products meet (or exceed) our customers' specifications under the highest standards of quality control. If your firm or organization is looking for OEM or customized laboratory equipment, Aiken can design and manufacture any lab equipment to meet your needs.

Flexibility and Ease of Ordering

Aiken values all customers, and is not indifferent to meeting the equipment needs of small and mid-sized firms. We welcome both large and small orders from any sized firm. And since we control our manufacturing facilities, we are able to fulfill any-sized order under some of the shortest lead times in the industry.

To find out how Aiken can help you, please contact one of our product specialists at +1 (909) 868 – 1800.

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Autoclave

Performance :

- > Microprocessor controller and temperature calibration function allows for high precision temperature adjustment.
- > Sterilization temperature at 134°C
- > Automatic sterilization system for unattended operation.



BA-18

Model		BA-8	BA-12	BA-16	BA-18	BA-23
Cat No.	110V 60HZ	70651000	70651200	70651400	70651600	70651800
	220V 50HZ	70652000	70652200	70652400	70652600	70652800
Capacity		8 L	12 L	16 L	18 L	23 L
Consumed Power		950 W	1600 W	1600 W	1700 W	1900 W
Working Pressure		0.22Mpa				
Working Temperature		134°C				
Chamber Volume		φ170×320(mm)	φ 200×360(mm)	φ 200×360(mm)	φ 247×350(mm)	φ 247×450(mm)
Weight		32kg	43kg	44kg	48kg	53kg
		71LB	95LB	97LB	107LB	118LB
Dimension(mm/inch)		640×480×430	690×560×490	690×560×490	690×590×530	790×590×540
		25×19×17"	27×22×19"	27×22×19"	27×23×21"	31×23×21"

Autoclave

Convenience :

- Fully automatic computer control, “LCD” dynamic display, fault self - diagnosis, display the error code;
- Preset sterilization procedures, and adjustable drying time;
- SUS304 stainless steel inner and the sealing cover ,double pressure protection safety door lock;
- Built-in independent steam generator, fast saturated steam, to insure the high temperature steam, reaches every corner;
- Simple and convenient operating interface, LCD displays the status information in real time;
- Open type top water tank, filling and cleaning is convenient for user.

Safety :

- Machine runs ONLY when doors are closed & locked;
- Safety pressure protection lock, Automatically, inducting the pressure inside the sterilizing cavity, can't open door during sterilization process;
- With liquid sensor for water level, to remind user to add water;



BA-18V

Model		BA-8V	BA-12V	BA-16V	BA-18V	BA-23V
Cat No.	110V 60HZ	70651100	70651300	70651500	70651700	70651900
	220V 50HZ	70652100	70652300	70652500	70652700	70652900
Capacity		8 L	12 L	16 L	18 L	23L
Consumed Power		950 W	1750 W	1750 W	1800 W	2000 W
Working Pressure		0.22Mpa				
Working Temperature		134°C				
Chamber Volume		φ170×320(mm)	φ 200×360(mm)	φ 230×360(mm)	φ 247×350(mm)	φ 247×450(mm)
Weight		37kg	46kg	47kg	52kg	58kg
		82LB	102LB	104LB	116LB	129LB
Dimension(mm/inch)		640×480×430	690×560×490	690×560×490	690×590×530	790×590×540
		25×19×17"	27×22×19"	27×22*19"	27×23×21"	31×23×21"

Autoclave

Digital Display – Vertical Automatic Autoclave

- Fully automatic control system with memory function.
- 2 programs preset, Automatic control function stonger.
- Self-inflating type sealing, safe and reliable.
- Safety interlocking pressure system, To avoid wrong operation cause by steam burns.
- Four protection functions: self discharge over pressure, over pressure cut off the heating, anti dry burning , low water level alarm.
- Microprocessor fully automatic control the discharge, emissions and frequency can be regulated freely; sterilization degree and cycle can be self balance.
- With manual exhaust function, solve the problem of negative pressure cover opening difficult and special needs; (such as slow exhaust).
- Automatically shut off with beep reminding after sterilization.
- With standard test interface.
- The main parts are acid and alkali resistant, corrosion resistant and high quality SUS304 stainless steel materials.
- Patent technology: easy clean up the water level control device, more adaptable to hard water (tap water).
- Optional automatic water (connected with the pressure water, such as tap water).
- With optional external printer.



VA-75B

Model	VA-30B	VA-40B	VA-50B	VA-75B	VA-100B	
Cat No.	110V 60HZ	70661100	70661200	70661300	70661400	70661500
	220V 50HZ	70662100	70662200	70662300	70662400	70662500
Capacity	30 L	40 L	50 L	75L	100L	
Consumed Power	2.0 KW	2.0 KW	3.5 KW	3.5KW	3.5KW	
Working Pressure	0.22Mpa					
Working Temperature	134 °C					
Chamber Volume	φ300×400	φ300×600	φ400×525	φ400×625	φ400×725	
Basket Dimension	φ280×360×1	φ280×280×2	φ360×240×2	φ360×280×2	φ360×240×3	
Weight	53kg	55kg	58kg	77kg	120kg	
	117 LB	121LB	128LB	170LB	265LB	
Dimension(mm/inch)	410×410×850	410×410×1050	500×500×1080	500×500×1150	500×500×1280	
	16×16×33"	16×16×41"	20×20×43"	20×20×45"	20×20×50"	

Portable steam sterilizer series

PS-18A/A+model

- ▣ All made of SUS304 stainless steel material, durable.
- ▣ Double scale indication pressure gauges, clear to read.
- ▣ Self-inflating type sealing, safe and reliable.
- ▣ Auto release at overpressure.
- ▣ Simple operation, safe and reliable.
- ▣ Optional manual knob timing 60min.



PS-18B/B+ Automation type

- All made of SUS304 stainless steel material, durable.
- ▣ Microcomputer control, digital display, sterilization temperature and time can be adjusted.
- ▣ Auto release at overpressure.
- ▣ Double scale indication pressure gauges, clear to read.
- ▣ Self-inflating type seal, safe and reliable.
- ▣ Simple operation, safe and reliable.

PS-18 C/C+ (Portable) Electric or LPG heated

- All made of SUS304 stainless steel material, durable.
- Automatic control the pressure and temperature of sterilization.
- Auto release at overpressure.
- Double scale indication pressure gauges, clear to read.
- Self-inflating type seal, safe and reliable.
- Electric heating and external heating both can use.
- Simple operation, safe and reliable.



Model	PS-18A	PS-18A+	PS-18B	PS-18B+	PS-18C	PS-18C+	
Cat No.	110V 60HZ	70671100	70671200	70671300	70671400	70671500	70671600
	220V 50HZ	70672100	70672200	70672300	70672400	70672500	70672600
Volume	18L	24L	18L	24L	18L	24L	
Consumed Power	2000W	2000W	2000W	2000W	2000W	2000W	
Working Pressure	0.165 Mpa						
Working Temperature	126℃						
Sterilizing room dimensions	Φ280×235	Φ280×340	Φ280×235	Φ280×340	Φ280×235	Φ280×340	
Packing size(mm/inch)	410×410×550	425×425×660	410×410×550	425×425×660	400×400×440	400×400×540	
	16×16×22"	17×17×26"	16×16×22"	17×17×26"	16×16×17"	16×16×21"	
Weight	14.5kg	19kg	15.5kg	22.5kg	12kg	17kg	
	32LB	42LB	34LB	50LB	27LB	37LB	

Balance

Precision Balance APB/ASB series

- Electromagnetic Force Compensation Technology.
- Aluminum alloy cast,Stainless Steel platter.
- Super Bright LCD display with backlight.
- RS232 Interface.
- Clear glass windshield supplied as standard.
- Overload Protection,Bubble Level Adjustment,Under hook.
- Full Capacity Substraction.
- Multi Weighing unit conversation g/mg/ct/oz.
- Stabilization Time,3-5 seconds.
- Check Weighing,Parts counting,percentage weighing.
- Universal power adaptor provided.



APB-210

ASB-200

Model	APB-100	APB-120	APB-160	APB-180	APB-200	APB-210	APB-220
Cat No.	70680100	70680200	70680300	70680400	70680500	70680600	70680700
Capacity	0-100 g	0-120 g	0-160 g	0-180 g	0-200 g	0-210g	0-220g
Readability	0.1 mg	0.1 mg	0.1 mg	0.1mg	0.1 mg	0.1mg	0.1mg
Reapeatability	±0.2 mg	±0.2 mg	±0.2 mg	±0.2 mg	±0.2 mg	±0.2mg	±0.2mg
Linearity	±0.2 mg	±0.2 mg	±0.2 mg	±0.2 mg	±0.2 mg	±0.2mg	±0.2mg
Pan Size	Φ80 mm						
N.W	6.8kg			14 LB			
Dimensions (L*M*H)	34×21.5×35cm			13.4×8.5×13.8"			
Power	AC100-240V						

Model	ASB-100	ASB-200	ASB-300	ASB-400	ASB-500
Cat No.	70690100	70690200	70690300	70690400	70690500
Capacity	0-100 g	0-200 g	0-300 g	0-400 g	0-500 g
Readability	1 mg	1 mg	1 mg	1 mg	1 mg
Pan Size	Φ90 mm				
Linearity	±2 mg				
Reapetability	±2 mg				
Dimensions (L*W*H)	34×21.5×35 cm		13.4×8.5×13.8"		
N.W	6 kg		13 LB		
Power	AC 100-240V				

Balance AEB

- High Precision loadcell, compact design.
- Stainless Steel Platter.
- Super Bright LCD display with backlight.
- Mains adaptor supplied as standard.
- Full Capacity Substraction.
- Simple 5 Key panel for easy operation.
- Stabilization time 1.5 seconds.
- Overload Protection.
- Below Balance Weighing Facility.



AEB-2002

Balance ARB

- High precision loadcell.
- Big size Stainless Steel Platter.
- High contrast easy to read LED/LCD display.
- Overload protection.
- Built-in rechargeable battery.
- Stabilization time 1.5 seconds.
- Checking Weighing, piece counting function.
- Can be contain bubble level.



ARB-500

Model	AEB-2001	AEB-6001	AEB-10001	AEB-2002	AEB-3002	AEB-5002	AEB-10002	AEB-20002
Cat No.	70700100	70700200	70700300	70700400	70700500	70700600	70700700	70700800
Capacity	0-200g	0-600g	0-1000g	0-200g	0-300g	0-500g	0-1000g	0-2000g
Readability	0.1g	0.1g	0.1g	0.01g	0.01g	0.01g	0.01g	0.01g
Repeatability	±0.2g	±0.2g	±0.2g	±0.02g	±0.02g	±0.02g	±0.02g	±0.02g
Linearity	±0.2g	±0.2g	±0.2g	±0.02g	±0.02g	±0.02g	±0.02g	±0.02g
Pan Size	Φ133 mm							
Dimensions (L*W*H)	26.5×20×8 cm			10.4×7.9×3.1"				
N.W	1.2kg			2.6LB				
Power	AC 100-240V							

Model	ARB-200	ARB-300	ARB-500	ARB-1000	ARB-2000
Cat No.	70710100	70710200	70710300	70710400	70710500
Capacity	0-200g	0-300g	0-500g	0-1000g	0-2000g
Readability	0.01g	0.01g	0.01g	0.01g	0.01g
Repeatability	±0.02g	±0.02g	±0.02g	±0.02g	±0.02g
Linearity	±0.02g	±0.02g	±0.02g	±0.02g	±0.02g
Pan Size	143×192 mm				
Dimensions (L*W*H)	22.5×22×8 cm		8.9×8.7×3.1"		
N.W	1.5kg		3.3 LB		
Power	AC 100-240V				

Baths

- > Water bath
- > Cycle water bath

Convenience

- Microprocessor control.
- Digital display inner temperature.
- Stainless steel interior.
- Silicone cover.
- Suitable for thermostatic, baking, dewaxing, sterilization.



WH-6



WH-12



WH-3

Model	WH-3	WH-6	WH-12	WH-16	
Working Size(mm)	150x140x120	300x150x120	320x320x120	460x300x120	
Capacity	3L	6L	12L	16L	
Power	200W	500W	1000W	1500W	
Temperature Fluctuation	±0.5°C	±0.5°C	±1°C	±1.5°C	
Temperature Range	RT+5 -99°C				
Temperature Homogeneity	±1°C				
Dimension (mm/inch)	18x18x24	33x18x24	36x33x24	54x33x25	
	7x7x9"	13x7x9"	14x13x9"	21x13x10"	
Weight	3.5kg	4.5kg	5.5kg	7.5kg	
	7.7 LB	10 LB	12.2 LB	16.5LB	
Cat No.	110V 60HZ	70361100	70361200	70361300	70361500
	220V 50HZ	70362100	70362200	70362300	70362500

> Convenience

- Microprocessor control.
- Digital display inner temperature.
- One-timer-molding cistern.
- With inner cycle.
- Good insulation performance with stainless steel cover.
- Suitable for thermostatic, baking, dewaxing, sterilization.

> Safety:

- Complete safety protection system with warning alarms.
- Over temperature, over current protection.



WH-16C

Model	WH-12C	WH-16C	WH-60C	
Working Size(mm)	320x320x120	460x300x120	620x500x200	
Capacity	12 L	16 L	60 L	
Power	1000 W	1500 W	2500 W	
Pump Power	40 W	40 W	60 W	
Circulation Pump Flow	≥4L/min	≥4L/min	≥4L/min	
Temperature Fluctuation	±0.1℃	±0.1℃	±0.5℃	
Temperature Range	RT+5 -99℃	RT+5 -99℃	RT+5 -99℃	
Temperature Homogeneity	±0.5℃	±0.5℃	±0.5℃	
Dimension(cm/inch)	46x33x24	64x33x25	70x45x32	
	18 x13 x9"	25 x13 x10"	28 x18 x13"	
Weight	8 kg	11 kg	12 kg	
	17.8 LB	24.4 LB	26.7 LB	
Cat No.	110V 60HZ	70371100	70371200	70371300
	220V 50HZ	70372100	70372200	70372300

Baths

Cycle Water Bath



AEN-TW

Heating&Cool Cycle Water Bath



ACW-06

Model		AEN-TW
Cat No.	110V 60HZ	70371500
	220V 50HZ	70372500
Working Size		340x300x200 mm
Power		1000W
Temperature Fluctuation		±0.5°C
Temperature Range		RT+5-99°C
Temperature Homogeneity		±0.5°C
Pump Circulation Ways		internal and external circulation 8-10 l/MIN
Dimension(cm/inch)		50x43x90/19.7x16.9x35.4"
N.W		11kg/24 LB

Model		ACW-06
Cat No.	110V 60HZ	70381100
	220V 50HZ	70382100
Working Temperature Range		-20°C-99°C
Temperature Stability		±0.5°C
Heater Capacity		1500W
Cooling Capacity		250W
Pump Flow Rate		10L/min
Filling Volume		6L
Bath Opening LxW		16x16 cm
Bath Dimensions LxWxH (cm/inch)		35x27x15/13.8x10.6x5.9"
N.W		46kg/101 LB

Biological Safety Cabinet



BC-1300A2 (Double)

- Ergonomic 10 ° tilt angle designed for ease of operation.
- Exterior is made of high-quality cold-rolled steel, safe operating area three side cabinet made of stainless steel (SUS304) integrated structure, this cabinet has large 8mm rounded corners to allow for easy cleaning&sterilization.
- Equipped with fan overload alarm.
- Equipped with a filter pre-failure and breakage and obstruction alarm technology.
- Comes standard with two super-efficient ULPA filters for 0.12µm particles closure system can reach 99.999% efficiency pleated filter membrane material used borosilicate glass fiber.
- Integrated sliding safety sliding door, can be any location, easy to operate, and can be completely closed for sterilization.
- The power failure, crash state data loss and protection parameters memory and recovery functions.

Parameters / Model		BC-1300A2		
Cleanliness Level	HEPA:ISO 5level (100 level) /ULPA : ISO 4level (100 level)			
Filter Level / filtration efficiency	HEPA: ≥ 99.995%, @ 0.3µm/ULPA: ≥ 99.999%, @ 0.12µm			
Number of Person	Single	Double	Multi-user	
Down Wind	≥0.35m/s			
Inlet Velocity	≥0.55m/s			
Noise	≤58dB(A)			
Vibration Half Peak	≤3µm			
Biosafety	Personnel protection: All percussive sampler samples CFU ≤ 10, slit sampler samples CFU ≤ 5			
	Product protection: all sample dish hits CFU ≤ 5			
	Cross-contamination protection: All dishes hits CFU ≤ 2			
Size of working area (mm/inch)	960×600×640	1360×600×640	1600×600×640	
	38×24×25"	54×24×25"	63×24×25"	
Overall Dimension	1100×790×2210 mm	1500×790×2210 mm	1796×790×2210 mm	
Fluorescent / UV lamp specifications and quantity	30W×②/30W×①	40W×②/40W×①	40W×②/40W×①	
Illumination	≥900 LX			
N.W	240kg/529 LB	320 kg/705 LB	380 kg/838 LB	
Cat No.	110V 60HZ	70791100	70791200	70791300
	220V 50HZ	70792100	70792200	70792300

Biological Safety Cabinet

- Outer box made of high-quality cold-rolled steel, electrostatic spray; safe operating area three side cabinet made of stainless steel (SUS304) integrated structure, the internal parts can be cleaned using 8mm large rounded corners for easy cleaning; one piece of work tops pallet structure, easy to remove the cleaning, console has a sump below, under the drain valve.
- Equipped with a filter pre-failure and breakage and obstruction alarm technology. equipped with fan overload alarm.
- Working with window opening limit alarm systems, security cabinet front window opening height exceeds the height, safety cabinets downdraft airflow velocity and flow velocity fluctuates more than 20% of its nominal value, the interlock system startup alarm.



Parameters / Model		BC-1300 B2
Cleanliness Level	HEPA:ISO 5 class(Class100)/ULPA:ISO 4 class (Class 10)	
Filter Level / Filtration Efficiency	HEPA: $\geq 99.995\%$, @0.3 μm /ULPA : $\geq 99.999\%$ @0.12 μm	
Down Wind	$\geq 0.35\text{m/s}$	
Inlet Velocity	$\geq 0.55\text{m/s}$	
Noise	$\leq 58\text{dB(A)}$	
Vibration Half Peak	$\leq 3\mu\text{m}$	
Biosafety	Personnel protection: All percussive sampler samples CFU ≤ 10 , slit sampler samples CFU ≤ 5	
	Product protection: all sample dish hits CFU ≤ 5	
	Cross-contamination protection: All dishes hits CFU ≤ 2	
Size Of Working Area (mm/inch)	980x600x640 / 39x24x25"	
Device Dimensions (mm/inch)	1100x790x2210 / 43x31x87"	
Fluorescent / UV lamp specifications and quantity	30Wx $\textcircled{2}$ /30Wx $\textcircled{1}$	
Illumination	$\geq 900\text{LX}$	
Weight	300 kg/661 LB	
For The Number Of Person	1 person	
Exhaust Pipe Diameter	$\phi 250\text{mm}$	
Direction Of The Wind	Ejection	
Cat No.	110V 60HZ	70791400
	220V 50HZ	70792400

Biological Microscope



AMB-17



AMB-17C

PARAMETERS	BIOLOGICAL MICROSCOPE	AMB-17	AMB-17C
Total Magnification	40X-1600X	●	●
Eyepieces	WF10X WF16X	●	●
Objectives	4X,10X,40XS,100XS	●	●
Eyepieces Tube	Binocular 45° inclined Tube Rotatable 360°	●	●
Illumination	6V/20W Halogen Lamp	●	●
Coarse Adjustment Range	30mm	●	●
Fine Adjustment Range	30mm	●	●
Working Stage	Double Layer Mechanical Stage:130*140mm Moving Range:75mm*45mm	●	●
Condenser	NA1,25 Abee Condenser with Changeable Diaphragm,Moving Scale And Filter	●	●
Package Size (cm/inch)	32×35×49 12.6×13.8×19.3"	●	●
Weight	9kg / 20 LB	●	●
Camera			●
Cat No.	100V-240V	70800100	70800200

Biological Microscope



AMB-01



AMB-02

Parameters	Biological Microscope	AMB-02 (Binocular)	AMB-01 (Monocular)
Total Magnification	40X-1600X	●	●
Eyepieces	WF10X WF16X	●	●
Objectives	4X,10X,40X(S),100X,(S,Oil)	●	●
Eyepieces Tube	Binocular 30° inclined Tube Rotatable 360° Monocular 45° inclined Tube Rotatable 360°	●	●
Illumination	6V/20W Halogen Lamp	●	●
Coarse Adjustment Range	20mm/14mm	20mm	14mm
Working Stage	Double Layer Mechanical Stage:125×130mm Moving Range:60mm×30mm	●	
	Double Layer Mechanical Stage:110×125mm Moving Range:60mm×20mm		●
Condenser	NA1,25 Abee Condenser with Changeable Diaphragm, Moving Scale And Filter	●	●
Package Size (cm/inch)	50×34×50 /19.7×13.4×19.7" 36×26×21 /14.2×10.2×8.3"	●	●
Weight	12kg/26.4LB 3.5kg/7.7 LB	●	●
Cat No./ Power	100-240V	70800300	70800400

Centrifuge

Mini Centrifuge (AMC-5)

- Ideal for microfilter cell separations and HPLC samples
- Low Noise
- Interchangeable rotor
- Automatic stop when open the lid
- Maximum speed:5000rpm
- Max RCF:1500*g
- Capacity: 0.5ml/1.5ml/2ml*8,0.2ml PRC tubes*16 (double rows)
- Voltage:100-240V 50/60HZ



Package Size	G.W	Cat No.
30×18×23 cm	1.3 kg	70100600
11.8×7.1×9.1"	2.9 LB	

Small Low-speed Centrifuge SLC-34B

- Safe, durable aluminum rotor.
- Long life,brush motor
- With mechanical locks
- Maximum speed:3400rpm
- Max RCF:1290*g
- Capacity: 15ml×6 (order number:A70141506)
- Power: 120V 60HZ



Package Size	G.W	Cat No.
35×33×28 cm	6 kg	70111100
13.8×13.0×11"	13.2 LB	

SLC-40D

- Brushless Motor, Microprocessor Controller
- LED Timer 0-99mins
- Mechanical door lock
- Error Code indication
- Maximum speed:4000rpm
- Max RCF: 1780*g
- Capacity: 15ml/10ml×8 (order number: A70141508)
- Power: 100-240V 50/60HZ



Package Size	G.W	Cat No.
35×33×28 cm	6 kg	70110100
13.8×13.0×11"	13.2 LB	

SLC-40L

- Brushless Motor, Microprocessor Controller
- LCD display, Timer 0-99mins
- Mechanical door lock. 9 Pre-set program options
- Adjustable Acceleration/Deceleration.
- RCF/RPM display switch, Error code indication
- Maximum speed:4000rpm
- Max RCF:1780*g
- Capacity: 15ml/10ml×8 (order number:A70141508)
- Power: 100-240V 50/60HZ



Package Size	G.W	Cat No.
35×33×28 cm	6 kg	70110200
13.8×13.0×11"	13.2 LB	

Centrifuge

Benchtop Low-speed Centrifuge BLC-40B

- LED Timer 0-30mins, Electromagnetic locks
- Step speed adjustment at every 500rpm
- Brush motor, digital display timer and speed
- Maximum speed : 4000rpm
- Max RCF : 2325×g
- Package Size: 45×39×38 cm/17.7×15.4×15"
- G.W: 12.5kg/27.6 LB

CAT NO.	MAX SPEED	ROTOR CAPACITY (ORDERING NO.)	
110V 60HZ 70121100	4000rpm	15ml×12	A70141512
70121100		15ml×24	A70141524
220V 50HZ 70122100		50ml×6	A70145006
70122100		15ml×6	S70151506



BLC-40D/BLC-50D

- Brushless motor, Microprocessor Controller
- Stepless speed adjustment
- LED Timer 0-99min, Magnetic door lock
- Error Code Indicator
- Package Size: 45×39×38 cm/17.7×15.4×15"
- G.W: 12.5kg/27.6 LB



MODEL	CAT NO.	MAX SPEED	MAX RCF	ROTOR CAPACITY (ORDERING NO.)
BLC-40D	110V 60HZ 70121200	4000rpm	2325xg	A70141512:15mlx12
	70121200			A70141524:15mlx24
	220V 50HZ 70122200			A70145006:50mlx6
	70122200			S70152006: 15mlx6
BLC-50D	110V 60HZ 70121300	5000rpm	3490xg	See Rotor Options
	70121300			A70151512:15mlx12
	220V 50HZ 70122300			S70152006:20mlx6

A: Angle rotor S: swing rotor

BLC-60D

- LED Timer 0-99mins, Brushless Motor
- Rotor imbalance protection
- Magnetic door lock, Over speed protection
- Emergency open lid system
- Error code indicator
- Package Size: 72x45x44 cm/28.35x17.72x17.32"
- G.W: 45kg/98LB



Cat No. 70121400/110V 60HZ 70122400/220V 50HZ

BLC-60L

- Brushless Motor, Microprocessor controller
- LCD display, Timer 0-99mins
- Mechanical door lock
- Automated rotor identification system
- 9 Pre-set program options
- Adjustable Acceleration/Deceleration
- RCF/RPM display switch, error code indication
- Package Size: 72x45x44 cm/28.35x17.72x17.32"
- G.W: 45kg/98LB



Cat No. 70121500/110V 60HZ 70122500/220V 50HZ

MAX SPEED & RCF		ROTOR CAPACITY (ORDERING NO.)	
6000rpm 5230xg	Angle Rotor, Rotor No. 4	A70161512: 15mlx12	
5000rpm 3630xg	Angle Rotor, Rotor No. 5	A70155008: 50mlx8	
4000rpm 2950xg	Swing Rotor, Rotor No. 3	S70141512: 15mlx12	
5000rpm 4540xg	Swing Rotor, Rotor No. 2	S701525004: 250mlx4	
		S70155008: 50mlx8	
		S70151528: 15mlx28	
		S70151036: 10mlx36	
4000rpm 3040xg	Swing Rotor, Rotor No. 1	Rotor Framework	
		S701410004: 100mlx4	
		S701410008: 100mlx8	
		S70145008: 50mlx8	
		S70141516: 15mlx16	
		S70141524: 15mlx24	
		S70141532: 15mlx32	
S70140748: 7mlx48			

Centrifuge

Floor-type Refrigerated Low-Speed Centrifuge ALC-40F

- Brushless Motor, Microprocessor Controller
- LCD Display Timer 0-99mins, Mechanical Door Lock
- Automated rotor identification system
- 9 Pre-set program options
- Adjustable Acceleration/Deceleration,
- RCF/RPM display switch, Error Code Indicator
- Dimension:69x68x42 cm/27x27x17"
- N.W:110kg/243 LB



MODEL	CAT NO.	MAX SPEED&RCF	TEMP.RANGE	ROTOR CAPACITY (ORDERING NO.)	
ALC-40F	110V 60HZ 70131100	4000rpm 4100xg	-10°C - 40°C±1°C	Swing Rotor Buckets	S70140296:2mlx96
					S70140796:7mlx96
	S701407148:7mlx148				
	S70141080:10mlx80				
220V 50HZ 70132100	S70141596:15mlx96				
	S70145020:50mlx20				
	S701410012:100mlx12				
				Swing Rotor (Blood Bag)	S701425004:250mlx4
					S70145004:500mlx4

Benchtop Refrigerated High-Speed Centrifuge

- Brushless Motor, Microprocessor Controller
- LCD Display Timer 0-99mins
- Mechanical Door Lock
- 9 Pre-set program options
- Adjustable Acceleration/Deceleration
- RCF/RPM display switch, Error Code indicator
- Dimension:56x46x37 cm/22x18x15" (standard)
- N.W:65kg/143 LB (standard)



BHC-16F

MODEL&CAT NO.	TEMP.RANGE	MAX SPEED	MAX RCF	ROTOR CAPACITY (ORDERING NO.)
BHC-16F	-10°C - 40°C	Main Body		See Rotor Options
110V 60HZ 70131300		16000rpm	17000xg	A701160212:1.5mlx12
220V 50HZ 70132300		13000rpm	11300xg	A701160112:0.5mlx12
				A701160506:5mlx6
BHC-20F	-10°C - 40°C	Main Body		See Rotor Options
110V 60HZ 70131400		20000rpm	26830xg	A701130224: 1.5mlx24
		15000rpm	23120xg	A701130224: 1.5mlx24
		13000rpm	17940xg	A701151012:10mlx12
		16000rpm	24200xg	A701135006:50mlx6
220V 50HZ 70132400		11000rpm	11720xg	A701160224:1.5mlx24
				A7011110004:100mlx4

Benchtop High-Speed Centrifuge BHC-12B/BHC-16B

- Stepless speed adjustment
- Mechanical timer 5-30 mins
- Mechanical door lock

MODEL	CAT NO.	MAX SPEED & RCF	ROTOR CAPACITY (ORDERING NO.)
BHC-12B	110V 60HZ 70121600	12000rpm	S701121.524:1.5x75x24 (Hematocrit)
	220V 50HZ 70122600	15300xg	
BHC-16B	110V 60HZ 70121700	16000rpm	A701160212:1.5mlx12
	220V 50HZ 70122700	17000xg	A701160112:0.5mlx12 A701160506:5mlx6
Package Size:45x39x38 cm/17.7x15.4x15"			G.W:12.5 kg/27.6 LB



Small High-Speed Centrifuge SHC-12D/SHC-16D

- Brushless Motor, Microprocessor Controller
- LED Timer 0-99mins, Mechanical Door Lock
- Error Code indicator

MODEL	CAT NO.	MAX SPEED & RCF	ROTOR CAPACITY (ORDERING NO.)
SHC-12D	110V 60HZ 70111300	12000rpm	S701121.524:1.5x75x24 (Hematocrit)
	220V 50HZ 70112300	15300xg	
SHC-16D	110V 60HZ 70111400	16000rpm	A701160212:1.5mlx12
	220V 50HZ 70112400	17000xg	A701160112:0.5mlx12 A701160506:5mlx6
Package Size:35x33x28 cm/13.8x13.0x11"			G.W:6 kg/13.2 LB



Benchtop High-Speed Centrifuge BHC-16D

- Brushless Motor, Microprocessor Controller
- Stepless speed adjustment
- LED Timer 0-99mins. magnetic door lock
- Error Code indicator

MODEL	CAT NO.	MAX SPEED & RCF	ROTOR CAPACITY (ORDERING NO.)
BHC-16D	110V 60HZ 70121800	13000rpm	A701130224: 1.5mlx24
	220V 50HZ 70122800	11300xg	
Package Size:45x39x38 cm/17.7x15.4x15"			G.W:12.5 kg/27.6 LB



Conductivity Meter

Conductivity Meter(ADS-11)

Features:

1. With 3½LED, display is clear and precision is high.
2. Manual temperature compensation.
3. Output signal (0-10)mV.



Conductivity Meter(ADS-307)

Features:

1. Large screen and LCD segmented display.
2. Automatic and manual temperature compensation.
3. It is equipped with conductance sensor (platinum black) and temperature sensor.



Model		ADS-11	ADS-307
Measuring Range		(0-2x10 ⁵)uS/cm.	Conductivity:0.00uS/cm-100uS/cm TDS:0-1000mg/L Temperature:0.0-60.0°C
Accuracy		Accuracy of the electronic unit: ±1.0%(FS)±1bit Accuracy of the meter : ±1.5%(FS)±1bit	Conductivity:±0.5%FS TDS:±1.0%FS Temperature:±0.3°C ± bit
Temperature		Ambient temperature:(5-35°C)	Manual/Automatic 0-40°C
Cat No.	110V 60HZ	70811100	70811200
	220V 50HZ	70812100	70812200

Clean Bench



CB-DSH/Level



CB-DDV/Vertical

Product name		Clean Bench			
Model		CB-SSH/Level	CB-SSV/Vertical	CB-DSH/Level	CB-DDV/Vertical
Cleanliness Level		100 @ $\geq 0.5\mu\text{m}$ (U.S. Federal 209E)			
Colonies		0.5/dish. Time \varnothing 90mm Culture Plate			
Average Wind Speed		0.3-0.6m/s(adjustable)			
Noise		$\leq 62\text{dB (A)}$			
Vibration/Single Peak		$\leq 3\mu\text{m}$ (X.Y.Z direction)			
Illumination		$\geq 300\text{LX}$			
Maximum Power		0.4kw	0.35kw	0.8kw	0.8kw
N.W		120kg/265LB	150kg/331 LB	200kg/441 LB	250kg/551 LB
Working size (L*W*H)		950x500x600mm 37x20x24"	900x650x520mm 35x26x20"	1500x500x600mm 59x20x24"	1400x700x520mm 55x28x20"
High Efficiency Filter Specifications and Quantity		860x550x50x1	820x550x50x1	1600x500x50x1	1400x700x50x1
Fluorescent/Ultraviolet Lamp Standard Volume		20Wx1/20Wx1		30Wx1/30Wx1	30Wx1/30Wx1
For the Number of Person		Single-sided/1 person	Single-sided/1 person	Double-sided/2 person	Double-sided/4 person
Cat No.	110V 60HZ	70821100	70821200	70821300	70821400
	220V 50HZ	70822100	70822200	70822300	70822400

Clean Bench

Desktop Clean Bench

Product features and description:

This is a small table, designed for easy placement on the desktop in the experimental stage and design. Clean environment suitable for all scientific research and experimental operations.

1. Box with 1.5mm thick cold rolled steel, stainless steel countertops;
2. Easy to handle, compact and practical;
3. Open-uniform vertical flow (open, without glass doors);
4. With adjustable fan system, touch-type switches and dual-speed voltage regulation size, to ensure the work area is always in an ideal wind speed;



CB-650V

Index / model	CB-650V	CB-850V	CB-1300V	
Cleanliness Level	100 @ $\geq 0.5\mu\text{m}$ (U.S. Federal 209E)			
The Number of Colonies	≤ 0.5 / dish • Time ($\phi 90\text{mm}$ culture plate)			
The Average Wind Speed	0.2-0.6m/s			
Noise	$\leq 62\text{dB}$ (A)			
Illumination	$\geq 300\text{LX}$			
Vibration Half Peak	$\leq 3\mu\text{m}$ (X.Y.Z direction)			
Maximum Power Consumption	180W	200W	400W	
Weight	40Kg /89LB	50Kg/111LB	60Kg/133LB	
Workspace Size W * D * H	500×570×500mm	700×600×500mm	1000×600×500mm	
	19.7×22×19.7"	27.6×23.6×19.7"	39.4×23.6×19.7"	
Device Dimension W * D * H	650×600×900mm	850×650×900mm	1200×650×900mm	
	25.6×23.6×35.4"	33.5×25.6×35.4"	47.2×25.6×35.4"	
HEPA Filter Specification and Quantity	480×530×50×①	710×500×50×①	1010×500×50×①	
Fluorescent / UV lamp Specifications and Quantity	15w×①/15w×①	15w×①/15w×①	20w×①/20w×①	
For the number of Person	Single-sided	Single-sided	Double-sided	
Cat No.	110V 60HZ	70821500	70821600	70821700
	220V 50HZ	70822500	70822600	70822700

Examination Lamps

Examination Lamps

- Minor lamp head with diameter of 75mm enables close use without blocking out the vision of users.
- The 700mm long fixable arm can freely position in order to fully satisfy any requirements for divers illuminated angles.
- The holder is easy to move for a fixable occupancy.
- The glass color filter created white and soft light as natural light.
- This products is fit for body examination or minor operation of ophthalmology.
- Gynecology and obstetrics department and outpatient department.
- It is able to work as subordinate illumination in an operation room, as well as an office light.



Model	C-03	C-09A	C-12	C-12A
Bulb	LED	LED	LED	LED
Power	3 W	9W	12W	12W
Color Temperature	4500K	6500K	5000K	5000K
Illumination(50cm)	16000Lux	30000Lux	9000Lux	9000Lux
Spot Size Adjust	×	×	√	√
Brightness Adjust	×	√	×	√
G.W	5kg/11.02LB	5.5kg/12LB	5kg/11.02LB	5.5kg/12LB
Package Size	93×48×10cm/ 36.6×18.9×3.9"		57×47×18cm /22.4×18.5×7.1"	
Cat No.	100V-240V			
	70780100	70780200	70780400	70780500

Incubator

Biochemical Incuabtor
Shaking Incubator
Laboratory Incubator
Co₂ Incubator

Shaking Incubator

- Microprocessor control temperature and timer.
- LED display temperature ,speed and timer.
- Stainless steel inner.
- Stepless shaking speed adjustable.
- The interior lighting is convenient for observation.
- Over temperature alarm.
- Automatic alarm after operation.
- BOD culture, seed-breeding test.
- Thermostatic microorganism, plant cultivation.



ASI-140



ASI-280

Model	ASI-140	ASI-280	
Capacity	140L	280L	
Temperature Range	4-50℃	4-50℃	
Temperature Accuracy	±0.1℃	±0.1℃	
Shaking Speed	40-300r/min	40-300r/min	
Amplitude	25mm(Orbital)	25mm(Orbital)	
Shaking Groups	1	2	
Tray Size	440x360mm	650x450 mmx2	
Heating Power	450W	450W	
Colling Power	650W	850W	
Timer	0-9999min	0-9999min	
Dimension	71x71x154 cm/ 28x28x60.6"	100x80x163 cm/ 39.4x31.5x64.2"	
Weight	62kg/138LB	110kg/ 244LB	
Cat No.	110V 60HZ	70271100	70271200
	220V 50HZ	70272100	70272200

Biochemical Incubator

- Microprocessor control temperature and timer.
- LED display temperature and running timer.
- Stainless steel inner, with door lock.
- The glass door is convenient for observation.
- Over temperature alarm.
- Automatic alarm after operation.
- BOD culture(optional interior with socket).
- Seed-breeding test, thermostatic microorganism, plant cultivation.



Optional LCD display control



ABI-80

Model	ABI-50	ABI-80	ABI-150	ABI-250	
Chamber Size	50L	80L	186L	250L	
Heating Power	100W	100W	100W	142W	
Compressor	124W	124W	124W	200W	
Temperature Accuracy	±0.5°C	±0.5°C	±1°C	±1°C	
Temperature Range	5-50°C				
Timer	0-9999min				
Dimension (L*W*H)	19x22x36"	19x22x37"	22x21x64"	24x21x67"	
	480x570x920 mm	480x570x950 mm	550x530x1630 mm	610x540x1700 mm	
Weight	36kg	38kg	60kg	70kg	
	79 LB	84 LB	132 LB	154 LB	
Cat No.	110V 60HZ	70201100	70201200	70201300	70201400
	220V 50HZ	70202100	70202200	70202300	70202400

CO₂ Incubator

- Microprocessor control, water jacket beating type.
- Digital display setting and actual temperature.
- Over temperature alarm, PID self-tuning.
- Digital display running time.
- Stainless steel interior, with glass inner door.
- CO₂ Sound and light alarm.
- Double gas filter, part warm door to avoid fogging.
- Suitable for constant temperature tests.
- Suitable for cells, tissues, bacterial cultivation.
- Infrared sensor (optional).



COZ-80

Model	COZ-80	COZ-160	
Capacity	80L	160L	
Working Size (mm/inch)	500x400x400 20x16x16"	500x500x650 20x20x26"	
Power	680W	950W	
Temperature Range	Room temperature+5~50℃		
Temperature Resolution	±0.5℃		
Timer	0-999min		
CO ₂ Range	0-20%		
CO ₂ Precision	±0.1%		
Dimension(mm/inch)	550x570x850 23x22x33"	660x670x1000 26x24x39"	
Weight	46kg / 102 LB	66kg / 147 LB	
Cat No.	110V 60HZ	70241100	70241200
	220V 50HZ	70242100	70242200

AKI Series Laboratory Incubator

- Microprocessor control.
- Digital display setting and actual temperature.
- Over temperature alarm, PID self-tuning.
- Digital display running time.
- Stainless steel interior.
- Electricity leakage protection.
- With glass inner door, With hidden door locks.
- Mechanical overheat protection, cut off the heating sources.
- Automatic alarm after operation.
- Suitable for constant temperature tests.
- Suitable for bacteria cultivation, breeding, ferment.



Optional LCD display control

Model	AKI-15	AKI-50	AKI-80	AKI-160	AKI-270	
Chamber	15L	50L	80L	160L	270L	
Power	150W	250W	300W	400W	600W	
Temperature Range	Room temperature +5-65°C					
Timer	0-9999min					
Temperature resolution	0.1°C					
Temperature fluctuation	±0.5°C					
Working Size (L*W*H) mm/inch	10 x10 x10" 250 x250 x250	14x 14x 16" 350x350x410	16x16x20" 400x400x500	20x20x26" 500x500x650	24x24x30" 600x600x750	
Dimension (mm/inch)	15x14x23" 380x370x580	19x18x29" 480x470x740	21x21x33" 530x530x840	25x25x39" 640x630x1000	29x28x43" 730x720x1090	
Weight	51LB 23kg	82LB 37kg	106LB 48kg	146LB 66kg	198LB 90kg	
Cat No.	110V 60HZ	70231100	70231200	70231300	70231400	70231500
	220V 50HZ	70232100	70232200	70232300	70232400	70232500

Microtome

Rotary Microtome

- The Rotary microtome is ideal for most routine histology, biological and industrial needs.
- High precision & stability ensures exact reproducible section quality in wax and plastic embedded sections.
- New special and improved blade carrier with Non-stick with tissue section in surface.
- High precision specimen feed.
- Universal cassette clamp and standard specimen clamp.
- The hand wheel can be locked in any position or highest position.
- Smoothly running hand wheel.
- Spacious, integrated section waste tray.



RM-315

Model	Section Thickness range	Horizontal Specimen stroke	Vertical Specimen stroke	Precision error	Maximum section	Work Area Dimensions (L*W*H) cm	Unit Weight	Cat No.
RM-315	0-60µm	28mm	60mm	± 5%	50x45mm	30x57x27 11x22x12"	34kg/76LB	110V 60HZ 70871100 220V 50HZ 70872100

Automatic Microtome

- The Fully Automatic Microtome provides utmost reliability, user benefit and outstanding operator comfort. Great basic stability and precision, make this microtome a real multi-purpose instrument that meets the requirements both in paraffin and hard sectioning techniques of the biological, medical and industrial lab.
- The hand wheel can be locked in any position to Ensure the sectioning as safe and convenient as possible.
- The waste tray can be disassembled easily.
- Safety alarm system, overload protection function, sleep mode protection.
- Universal cassette clamp and stand specimen clamp.



RM-335AT

Model	Section Thickness Range	Horizontal Specimen Stroke	Vertical Specimen Stroke	Precision Error	Maximum Section	Work Area Dimensions (L*W*H) cm	Unit Weight	Cat No.
RM-335AT	0.5-100µm	28mm	60mm	± 5%	50x45mm	50x32x50 20x13x20"	35kg/78LB	110V 60HZ 70871200 220V 50HZ 70872200

Tissue Processor

Tissue Floatation/Baking processor

- Adopted the newest high technology and nice screen control.
- Automatic memory of setting temperature and Running.
- High precision in temperature controlling.
- Heating fast,durable and energy-serving if the power is switched off suddenly.
- The machine can go on work and correct mistake automatically when the power switch on again.



Model	Temperature Prefabricate	Rating Power	Work Area Dimensions (L*W*H) cm	Unit Weight	Cat No.
TBR-A Tissue Floatation Bath	0-100℃ set arbitrarily	300W	42.5x41.5x21.5 17x16x8"	10kg/ 22LB	110V 60HZ 70871300 220V 50HZ 70872300
TBR-B Tissue Baking Processor	0-100℃ set arbitrarily	300W	42.5x41.5x21.5 17x16x8"	10kg/ 22LB	110V 60HZ 70871400 220V 50HZ 70872400

Tissue Embedding Center

- Automated processor control system .
- Special nano technical make it heat up quickly.
- LCD display temperature and paraffin bath, thermostatic bath and paraffin nozzle.
- Automatic memory the presetting temperature.
- Large capacity crock can contain enough paraffin for use at one time.
- Multilevel Security protection system.
- There are 3 heating hole for forceps in two side of the paraffin nozzle.



Model	Capacity	Melting Paraffin Prefabricate	Freezing Range Temperature	Control Model	Enviroment Temperature	Work Area Dimensions (L*W*H)cm	Unit Weight	Cat No.
TEC-6L	6000ml	0-99℃	0~ -20℃	Auto,foot	0~ -40℃	118x66x47 46x26x18"	87kg/192LB	110V 60HZ 70871500 220V 50HZ 70872500

Oscillator

RM-7/7D Blood Mixer (7 Roller)

The product is used for mixing and blending of the blood, powder reagents, total blood control materials in the anticoagulation tube or bottle. According to different requirements, it can be rolling mixing, anticlockwise rolling and speed adjustable. It is an ideal instrument for clinical Lab.



RMO-15 Blood Mixer

The equipment has a reasonable structure to load and unload. Specimen tube can be placed and it is easy to get out. Working disc can rotate in the circumferential direction, and the speed is adjustable. Besides, it applies to the laboratory routine and vacuum blood specimen mixing.



VX-C Vortex Mixer

Being of compact design, no noise and easy for operation, the product has two functions of continuous and inching.



Product name	Blood Mixer			Vortex Mixer
Cat No.	70420100	70420200	70420300	70400200
Model	RM-7	RM-7D	RMO-15	VX-C
Motion Type	Swing/roll	Swing/roll	Orbital	Orbital
Clamp Type	7 rolls	7 rolls	Disk 220 mm	Rubber head ϕ 55mm
Speed Range	0-80rpm	0-80rpm	0-80rpm	Continuous 2800rpm Inching 2000rpm
Display Timer	-----	0-990min	-----	-----
Voltage	100V-240V /50Hz-60Hz			
Amplitude Size	22mm	22mm	-----	-----
Dimension(mm/inch)	400x270x100 16x11x4"	400x270x100 16x11x4"	250x250x300 10x10x12"	ϕ 105x142mm
Weight	5kg/ 11LB	5kg/ 11LB	4.5kg/ 10LB	2.6kg/ 5.8LB

Oscillator



Model	RSO-6	SK1601	SK1602	SK1603	SK1604	SK1601D	SK1602D	SK1603D	SK1604D	
Motion Type	Orbital	3D	Up and Down	Orbital	Reciprocating	3D	Up and Down	Orbital	Reciprocating	
Working size	420×290	280×240	280×240	280×240	280×240	280×240	280×240	280×240	280×240	
Speed Range	0-300rpm	0-80rpm	0-80rpm	0-200rpm	0-200rpm	0-80rpm	0-80rpm	0-200rpm	0-200rpm	
Max Angle	----	7°	7°	----	----	----	----	----	----	
Speed display	Yes	----	----	----	----	Yes	Yes	Yes	Yes	
Timer	0-99h59min	----	----	----	----	0-990min	0-990min	0-990min	0-990min	
Amplitude Size	20mm	----	----	20mm	20mm	----	----	20mm	20mm	
Max Load	8kg	3kg	3kg	3kg	3kg	3kg	3kg	3kg	3kg	
Power	130W	20W	20W	20W	20W	20W	20W	20W	20W	
Dimension(mm)	420×410×260		280×330×170 11×13×7"							
	16.5×16.1×10.2"									
Weight	20kg/44LB		3kg/6.6LB	3.5kg/7.7LB	4kg/8.8LB	4kg/8.8LB	3kg/6.6 LB	3.5kg/7.7LB	4kg/8.8LB	4kg/8.8LB
Cat No.	220V	110V	100-240V	100-240V	100-240V	100-240V	100-240V	100-240V	100-240V	100-240V
	70432100	70431100	70410100	70410300	70410500	70410700	70410200	70410400	70410600	70410800

Ovens

AKV Series Dry Oven
AOF Series Dry Oven
Vacuum dry Oven

- With hidden door locks , silent fans.
- Mechanical overheat protection.
- Electricity leakage protection.
- With double glass window.
- Microprocessor control.
- Digital display setting and actual temperature.
- Digital display running time.
- Over temperature alarm .
- Automatic alarm after operation.
- Suitable for drying, baking, dewaxing, sterilization, solidifying.



Optional LCD display control

Model	AKV-24	AKV-50	AKV-70	AKV-105	
Cat No.	110V 60HZ	70321100	70321200	70321300	70321400
	220V 50HZ	70322100	70322200	70322300	70322400
Working Size (mm/inch)	300x300x275 11.8 x11.8 x10.8"	510x650x700 16.3 x14.7 x13.5"	450x350x450 20 x26 x27.5"	550x370x520 21.7 x14.6 x20.5"	
Power	500W	1000W	1200W	1500W	
Temperature Range	RT+10-200 °C				
Temperature Resolution	0.1 °C				
Temperature Fluctuation	±1 °C				
Timer	0-9999min				
N.W	33kg/73LB	49kg/108LB	55kg/121LB	65kg/143LB	
Dimension(mm/inch)	400x570x630 15.7 x22.4 x24.8"	400x570x630 15.7 x22.4 x24.8"	620x620x720 24.4 x24.4 x28"	720x740x650 28 x29 x25"	

AOF Dry Oven

- Microprocessor control.
- With glass window door.
- Digital display setting and actual temperature.
- Digital display running timer.
- PID self-tuning, over temperature alarm .
- Automatic alarm after operation.



AOF-50

AVO Vacuum Dry Oven

- Microprocessor control.
- With glass window door.
- Digital display setting and actual temperature.
- PID self-tuning, over temperature alarm.
- Automatic alarm after operation.
- Stainless-steel interior, chamber corners are semicircle.



AVO-50

Model		AOF-25	AOF-40	AOF-50	AOF-70
Cat No.	110V 60HZ	70301100	70301200	70301300	70301400
	220V 50HZ	70302100	70302200	70302300	70302400
Working Size(mm/inch)		300x300x275 11.8 x11.8 x11"	350x350x350 13.8 x13.8 x13.8"	415x375x345 16.3 x14.8 x13.6"	450x350x450 17.8 x13.8 x17.8"
Power		320W	500W	1000W	1000W
Temperature Range		50~300℃			
Temperature Resolution		0.1℃			
Temperature Fluctuation		±1℃			
Timer		0-999min			
Dimension(mm/inch)		570x530x460 22.4x20.8x18.1"	620x630x520 24.4 x24.8 x20.5"	690x610x530 27.2 x24 x20.8"	620x710x620 24.4 x28 x24.4"
Weight		28kg/62.2LB	34kg/ 75.6LB	39kg /86.7LB	48kg/106.7LB

Model		AVO-25	AVO-50	AVO-90	AVO-210
Cat No.	110V 60HZ	70301500	70301600	70301700	70301800
	220V 50HZ	70302500	70302600	70302700	70302800
Working size (mm/inch)		300x300x275 12 x12 x11"	415x375x345 17 x15 x14"	450x450x450 18 x18 x18"	560x640x600 23 x26 x24"
Power		1000W	1400W	1600W	2160W
Temperature range		50~180℃	50~200℃	50~250℃	50~250℃
Temperature fluctuation		±1%			
Vacuum degree		<133Pa			
Timer		0-999min			
Dimension(mm/inch)		570x460x460 22x18x18"	710x540x550 28x21x22"	610x670x1430 24x26x56"	810x720x1590 32x28x63"
Weight		39kg/87LB	56kg/124LB	107kg/238LB	140kg/311LB

Petroleum Equipment

AFP-261 Automatic Pensky-Martens Closed-Cup Flash Point Tester

Main technical features

- 120 groups of data can be saved.
- Differential detection. Automatic correct the system bias.
- Automatically open cover, ignite, detect and print result.
- Safe and easy to operate.
- Automatically calculate the corrected flash point when the pressure differs from standard atmospheric pressure.
- Light-touch colored LCD. English main-machine dialog interface. All parameters including preset flash temperature.
- Simulation tracking of temperature rising curve with time.



Model	AFP-261A
Range	Ambient to 300°C
Resolution	0.1°C
Heating Rate	Procedure A: (5~6)°C/min Procedure B: (1~1.5)°C/min
Stirring Rate	Procedure A: (90~120)RPM Procedure B: (250±10)RPM
Igniting Mode	gas (or other civilian fuels)Electric ignition.
Gas Flame Diameter	3.2mm~4.8mm
Ambient Temperature	≤ 40°C
Relative Humidity	≤ 80%
Maximum Power Consumption	500W
Overall Dimension (mm/inch)	410×360×310 16×14×12"
Power Supply	AC 220V 50HZ
Cat No.	70832100

AFP-3536A Automatic Cleveland Open-Cup Flash Point Tester

Summary

It is applicable to all petroleum products with flash points above 79°C and below 400°C except fuel oils.

Main technical features

- Reasonable design, safe and convenient to operate.
- Automatically calibrate the effect of atmospheric pressure to test and calculate the corrected value.
- Automatically open the lid, detect the flash point and print test data. The test arm automatically rise up and lower down.
- Differential coefficient detection. Automatically correct the system deviation.
- It adopts simulation tracking to display the function curve of temperature rising and test time.



Model	AFP-3536A
Range	Ambient to 400 °C
Repeatability	≤ 8 °C
Reproducibility	≤ 17 °C
Electric Ignition	Gas flame diameter is 3.2mm-4.8mm
Ambient Temperature	(10~40) °C
Relative Humidity	≤ 80%
Maximum Power Consumption	400W
Dimension (mm/inch)	410×360×310 16×14×12"
Power	AC220V 50HZ
Cat No.	70832200

PH Meter

Precision PH meter



APH-3C



APH-3E

Name		Precision Meter	
Model	APH-3C	APH-3E	
Features	<p>3 1/2 LCD Digital Display</p> <p>Manual compensation</p> <p>One or two calibration</p>	<p>Large screen with blue back lighting Display double rows, LCD display Manual and automatic compensation Can test or show PH, temperature adopts Two-point calibration</p> <p>Electrical connectors below the place, it is more Safe and antiseptic.</p>	
Calibration Range	<p>PH:(0.00-14.00)PH</p> <p>mV:(0±1800)mV</p>	<p>PH:(-2.00-18.00)PH</p> <p>mV:(-1900-0)mV (0-1900)mV</p> <p>Temperature:(0-99.9) °C</p>	
Resolution	<p>PH:0.01pH</p> <p>mV:1mV</p>	<p>PH:0.01pH</p> <p>mV:1mV Temperature:0.1 °C</p>	
Fundamental Error	<p>PH:±0.01 PH±1digit</p> <p>mV:±1 mV ±1digit</p>	<p>PH:±0.01 PH±1digit</p> <p>mV:±1 mV ±1digit</p> <p>Temperature:0.1 °C</p>	
Input Impedance	No smaller than $1 \times 10^{12} \Omega$	$1 \times 10^{12} \Omega$	
Temperature compensation Range	(0-60) °C Manual	(0-100) °C Manual or Automatic	
Weight	2.5kg / 5LB	2.5kg/ 5LB	
Dimension(mm/inch)	<p>300×220×90</p> <p>12×9×4"</p>	<p>300×220×90</p> <p>12×9×4"</p>	
Equipment	1,PH combination electrode, PH standard buffer reagents	1 PH combination electrode, 2 PH standard buffer reagents Automatic temperature compensation electrode.	
Cat No.	110V 60HZ	70811300	70811400
	220V 50HZ	70812300	70812400

Pipettes



A3005



A3008



A3021

A3018

Pipette Pump

Cat No.	Description	Packing Unit
A3005	2ml	Independent packing
A3006	10ml	Independent packing
A3007	25ml	Independent packing

Lab Ajustable-Volume Pipettes

- Fully autoclave,entire pipette can be steam autoclaved.
- Extremely low plunger forces.
- Soft-touch tip ejection.
- Engonomic comfortable lightweight handle.
- Super blow-out piston.

Cat No.	Volume Range(ul)	Increment(ul)	Test Volume (ul)	Inacc.(%)	Impr.(%)	Tip
A3008	0.5-10ul	0.1	10ul	±3.0	≤2.0	10ul
			5ul	±6.0	≤3.0	
			1ul	±10.0	≤3.0	
A3009	5-50ul	0.5	50ul	±2.4	≤1.5	300ul 350ul
			25ul	±2.8	≤2.0	
			5ul	±6.0	≤3.0	
A3010	10-100ul	1	100ul	±1.5	≤1.0	300ul 350ul
			50ul	±2.2	≤1.5	
			10ul	±3.0	≤2.0	
A3011	100-1000ul	5	1000ul	±1.2	≤0.5	1000ul
			500ul	±1.5	≤0.5	
			100ul	±1.5	≤1.0	
A3012	1000-5000ul	50	5000ul	±1.0	≤0.5	5000ul
			2500ul	±1.0	≤0.5	
			1000ul	±1.2	≤0.5	

Lab Fixed Volume Pipette

Cat No.	Volume(ul)	Inacc. %	Impr. %
A3013	5	±4.8	≤3.0
A3014	10	±3.0	≤2.0
A3015	100	±1.5	≤0.8
A3016	500	±1.2	≤0.7
A3017	1000	±1.0	≤0.5

Lab Multichannel Pipettes

- 8-and 12-channel pipettes with volume range of 0.5 up to 300ul.
- Fully autoclable-entire pipette can be steam autoclaved.
- Extremely low plunger forces.
- Soft-touch tip ejection.
- Ergonomic comfortable lightweight handle.
- Opticmal fit with Sureone pipette tips.
- Super blow out piston.

Cat No.	Volume Range	Increments	Each
8-Channel			
A3018	0.5-10ul	0.1ul	Independent packing
A3019	5-50ul	0.5ul	Independent packing
A3020	50-300ul	5ul	Independent packing
12-Channel			
A3021	0.5-10ul	0.1ul	Independent packing
A3022	5-50ul	0.5ul	Independent packing
A3023	50-300ul	5ul	Independent packing

Polarimeter

ARS-2/2A Micro Processor Melting-point Apparatus

AP-2/AP-2S Polarimeter

Characteristics:

- Measurement of melting point is one of the important methods of measurement of purity.
- To be used in production of medicines, dye-stuffs, perfumes and other organic crystal substances.
- LCD display, entry by digital keyboard and direct display of melting curve.
- ARS-2A can measure three samples at the same time and calculate average value of initial and final melting points automatically.

ARS-2A Specifications

Melting-point measurement range: RT -320 °C
Minimum digital display: 0.1 °C
Linear heating-up rate: 0.2 - 5.0 C/min
Accuracy: < 200°C : ± 0.5C; ≥ 200°C : ± 0.8C
Weight (Gross): 12.5 kg/27.6 LB
Overall Dimensions: 400*280*230mm/15.7*11*9.1"
Cat No.70841100/110V 60HZ
70842100/220V 50HZ



Can test three samples

ARS-2A

ARS-2 Specifications

Measurement range: RT~320°C
Minimum digital display: 0.1 °C
Linear heating-up rate: 0.2 - 5.0 C/min
Accuracy: < 200°C : ± 0.5C; ≥ 200°C : ± 0.8C
Weight (Gross): 12.5 kg/27.6 LB
Overall Dimensions: 400*280*230mm/15.7*11*9.1"
Cat No.70841200/110V 60HZ
70842200/220V 50HZ



Can test one sample

ARS-2

Polarimeter



AP-2



AP-2S

Disc Polarimeter

Product Name		Abbe Polarimeter
Model		AP-2
Measure Range		-180°~+180°
Min reading Value		0.05°
Sugar solution quality	Dispersion (Brix)	0.05°
Dimension (cm/inch)		54x22x38 / 21.3x8.7x15"
Weight		5KG/11LB
Cat No.	110V 60HZ	70841300
	220V 50HZ	70842300

Digital Abbe Polarimeter

Product name		Digital Abbe Polarimeter
Model		AP-2S
Index of refraction nD		1.3000-1.7000
Brix		0-95%
Accuracy (nD)		±0.0002
Accuracy(Brix)		≤±0.1%
Temperature range		0-50°C/0.1°C
Dimension (cm/inch)		33x18x38 /13x7x15"
Weight		10kg /22LB
Cat No.	110V 60HZ	70841400
	220V 50HZ	70842400

Refrigerator

Pharmaceutical refrigerator/APF

- Microprocessor control temperature and deepfreeze timer.
- Independent high-low temperature alarm with adjustable alarm range, safe and reliable.
- Stainless steel inner, with door lock.
- The glass window is convenient for observation.
- High and low temperature alarm.



APF-150

Blood bank refrigerator/ALF

- Microprocessor control temperature and deepfreeze timer , PID self-tuning.
- Independent high-low temperature alarm with adjustable alarm range, safe and reliable.
- Stainless steel inner, with door lock.
- The glass window is convenient for observation.
- High and low temperature alarm.
- Suit for the medical and health institutions, blood centers departments to store blood.



ALF-250

Model	ALF-50	ALF-80	ALF-150	ALF-250
Capacity	50L	80L	186L	250L
Temperature Range	0-8℃	0-8℃	0-8℃	0-8℃
Temperature Accuracy	±0.5℃	±0.5℃	±1℃	±1℃
Power	200W	200W	300W	400W
Timer	0-9999min	0-9999min	0-9999min	0-9999min
Dimension(mm/inch)	480x570x920 19x22x36"	480x570x950 19x22x37"	550x540x1470 22x21x58"	600x560x1640 24x22x65"
Weight	39kg/ 87LB	44kg/ 98LB	78kg/ 172LB	90kg/ 198LB
Cat No.	110V 60HZ	70281100	70281200	70281300
	220V 50HZ	70282100	70282200	70282300

Model	APF-150	APF-250
Capacity	180L	250L
Temperature Range	2-8℃	2-8℃
Temperature Accuracy	±1℃	±1℃
Power	300W	400W
Timer	0-9999min	0-9999min
Temperature Alarm Range	upper limit 5-19℃, lower limit 0-5℃	
Dimension(mm/inch)	550x540x1470 22x21x58"	600x560x1640 24x22x65"
Weight	78kg/172LB	98kg/198LB
Cat No.	110V 60HZ	70291200
	220V 50HZ	70292200

Spectrophotometer

UV Spectrophotometer AS-52/54

- Automatically adjust to 0%,100%.
- T,A error-free conversion.
- Printer controlled by microcomputer processor can be used for real-time records.
- Using 1200/mm high-performance UV-specific grating, tungsten lamp, large scale integrated circuit.
- Large sample room to place 100mm cuvette.



AS-52/54

Includes:

- Glass Cuvette (4 pcs)
- Tungsten lamp (1 pcs)
- Cell Rack 1cm

Lab Spectrophotometer AS-21/22

- RS232C interface is optional 100mm Colorimetric stand.
- Digital display the measuring value.
- Auto light door and zero setting.



AS-21/22



Deuterium Lamp



Tungsten Lamp



Cell Rack



Glass Cuvette

Model	Cat No.	Wavelength Range	Wavelength Accuracy	Spectral Bandwidth	Basic Measurement	Display Modes	Overall Dimensions (W*L*D)	Unit Weight
AS-21	110V 60HZ 70881100	350-1020nm	+/- 2 nm	6nm	T,A,C	4LCD	48x45x25(cm) 19x18x10"	10kg/ 22LB
	220V 50HZ 70882100							
AS-22	110V 60HZ 70881200	320-1020nm	+/- 2 nm	5nm	T,A,C	4LCD	48x45x25(cm) 19x18x10"	10kg/ 22LB
	220V 50HZ 70882200							

Model	Cat No.	Wavelength range	Wavelength accuracy	Spectral bandwidth	Wavelength repeatability	Stability	Overall Dimensions (W*L*D)	Unit Weight
AS-52	110V 60HZ 70881300	195-1020nm	+/- 2 nm	5nm	1nm	+/-0.004A/h @500nm	52x45x40(cm) 20x18x16"	12kg/ 27LB
	220V 50HZ 70882300							
AS-54	110V 60HZ 70881400	195-1020nm	+/- 2 nm	4nm	1nm	+/-0.004A/h @500nm	52x45x40(cm) 20x18x16"	12kg/ 27LB
	220V 50HZ 70882400							

Remark:AS-54 With Printer

Spectrophotometer

UV/VIS Spectrophotometer

- Large LCD screen (128*64 Dots) with saving standard curve function.
- Imported & Environmental Deuterium lamp, preventing from Ozone inhalation.
- Adopted high-class grating with wholly hermetic light path design, to ensure the instrument has the super low stray light.
- Pre-aligned design ensures the user can change lamps conveniently.
- Real-time monitoring the lifetime of Deuterium lamp and Tungsten lamp with advanced system.



AUV-1200

Model	AUV-1000	AUV-1200	AV-1200	
Wave Range	200-1020nm	200-1000nm	325-1000nm	
Spectral Bandwidth	4nm			
Wavelength Accuracy	±1.8nm	±1.5nm	±1.5nm	
Wavelength Repeatability	≤ 1nm	≤ 0.5nm	≤ 0.5nm	
Stray Light	≤0.2 % T @ 360nm 220nm	≤0.2 % T @ 360nm		
Photometric Accuracy	±0.002A(0~0.5A); ±0.004A(0.5~1A); ±0.5%T(0~100%T)			
Photometric Repeatability	≤0.001A(0~0.5A); ≤ 0.002A(0.5~1A); ≤ 0.2%T(0~100%T)			
Stability	± 0.002A/h @ 500nm			
Work Way	T,A,C,E			
Display Range	0-200% T, -0.3-3A			
Display System	128*64 DOTS LCD			
Detector	Silicon Photodiode			
Light Source	Deuterium lamp,Tungsten Lamp			
Input	Membrane keypad			
Output	USB-A,USB-B			
Compartment	Solid Sample Holder, Micro Cell Holder, 10-100mm Cell Holder			
Zero Mode	Auto			
Dimension (mm/inch)	470x370x200 / 19x15x8"			
Weight	12Kg /27LB			
Cat No.	110V 60HZ	70881500	70881600	70881700
	220V 50HZ	70882500	70882600	70882700

Spectrophotometer

UV Visible Spectrophotometer

- Instrument uses a 480 272 × matrix 256 color LCD display, data storage 240 groups.
- Advanced and reasonable optical system design and 1,200lines / mm holographic gratings are guaranteed to achieve ultra-low stray light.
- Advanced control system for deuterium lamp, tungsten lamp life time monitoring.
- Unique socket design deuterium and tungsten lamps, lamp replacement is free optics debugging.
- The instrument can be automatic wavelength calibration, automatic wavelength setting, automatic switching light and dark current correction.
- GLP self-identification function, testing instruments wavelength accuracy and photometric accuracy, and issue the test reports and power protection.



AUV-1800

Model	AV-1600	AV-1800	AUV-1600	AUV-1800	
Wave Range	320-1100nm		190-1100nm		
Spectral Bandwidth	4nm	2nm	4nm	2nm	
Wavelength Accuracy	±0.5nm				
Wavelength Repeatability	≤ 0.2nm				
Photometric Accuracy	±0.002A(0~0.5A); ±0.004A(0.5~1A); ±0.5%T(0~100%T)				
Photometric Repeatability	≤ 0.001A(0~0.5A); ≤ 0.002A(0.5~1A); ≤ 0.2%T(0~100%T)				
Stray Light	≤ 0.05%T @ 360nm		≤ 0.05%T @ 220nm, 360nm		
Stability	±0.001A/h @ 500nm				
Baseline Flatness	±0.002A				
Noise	±0.0005A				
Display Way	480*272 large screen LCD				
Work Way	T,A,C,E				
Wavelength Set Way	Auto				
Display Range	0-200% T, -0.3-3A				
Detector	Silicon photodiode				
Light Source	deuterium and tungsten lamp				
Keyboard	Film numeric button				
Data Output	USB 2.0*2 USB1.0				
Print Output	Parallel port				
Dimension (mm/inch)	470x370x230 / 19x15x9"				
Weight	14g /31LB				
Cat No.	110V 60HZ	70891100	70891200	70891300	70891400
	220V 50HZ	70892100	70892200	70892300	70892400

Spectrophotometer

UV Visible Spectrophotometer

- Instrument uses a 800 × 480 matrix 256 color LCD display.
- Instrument host with USB2.0 data export function.
- Import environmentally friendly deuterium lamp system.
- Advanced control system for deuterium lamp.
- Unique socket design deuterium and tungsten lamps, lamp replacement is free optics debugging.
- GLP self-identification function, testing instruments wavelength accuracy and photometric accuracy, and issue the test reports and power protection.
- Fully sealed structure and all optical mirror with SiO₂ protective film, an overall reduction in optical components by the external gas and environmental impacts.



AK360

Model	AK360		AK380	AK390
Optical System	Single Beam			
Wavelength Range	190-1100nm			
Spectral Bandwidth	1.8nm		1nm	0.5, 1, 2, 4, 5nm
Wavelength Accuracy	± 0.5nm			
Wavelength Repeatability	≤ 0.2nm			
Photometric Accuracy	± 0.002A (0-0.5Abs), ± 0.004A (0.5-1.0Abs), ± 0.3% T (0-100% T)			
Photometric Repeatability	0.001Abs (0-0.5Abs), 0.002Abs (0.5-1.0Abs), ≤ 0.15% T (0-100% T)			
Stray Light	≤ 0.05% T @ 360nm; 220nm			
Stability	± 0.0001A / h @ 500nm			
Baseline Flatness	± 0.0005A			
Noise	± 0.0004Abs			
Display	800*480 color screen LCD			
Photometric Model	T, A, C, E			
Photometric Range	0-200% T, 0.301-3.0A			
Detector	silicon photodiode detector			
Light Source	deuterium lamp, tungsten lamp			
Data Import	Key membrane keypad			
Data Output	USB2.0*2 USB1.0			
Package Size (cm/inch)	60x42x24 24x17x9"		60x42x24 24x17x9"	60x42x24 24x17x9"
Weight	25kg/ 56LB		25kg/ 56LB	27kg/ 60LB
Cat No.	110V 60HZ	70891500	70891600	70891700
	220V 50HZ	70892500	70892600	70892700

Optional automatic sample chamber eight cell holder, 1-10 cm quadruple cell holder

Spectrophotometer

Flame Photometer

- K & Na filters & air-compressor as standard accessories.
- Li, Ca, Ba filters as optional accessories.
- Dual channel & 4 digital LED display.
- Unique ignition path & keyboard operate.
- Electronic flame failure detection.
- Fine & coarse sensitivity controls.
- Operates on L.P.G supply.
- Easily maintained.



AFP640

Model		AFP6400	AFP640	AFP6410	APF-6420
Cat No.	110V 60HZ	70901000	70901100	70901200	70901300
	220V 50HZ	70902000	70902100	70902200	70902300
Measurement Range	K: 0.0-1.0mmol/L	K: 0.0-2.0mmol/L	K: 0.0-5.0mmol/L	K:0.0-10.0mmol/L	
	Na: 0.0-5.0mmol/L	Na: 0.0-10.0mmol/L	Na: 0.0-25.0mmol/L	Na:0.0-200.0mmol/L	
Detection Limit	K \leq 0.004mmol/L	K \leq 0.004mmol/L	K \leq 0.004mmol/L	K \leq 0.004mmol/L	
	Na \leq 0.008mmol/L	Na \leq 0.008mmol/L	Na \leq 0.008mmol/L	Na \leq 0.008mmol/L	
Linearity Range	K: 0.02-0.1mmol/L	K: 0.02-0.1mmol/L	K: 0.02-0.1mmol/L	K: 0.02-0.1mmol/L	
	Na: 0.1-0.5mmol/L	Na: 0.1-0.5mmol/L	Na: 0.1-0.5mmol/L	Na: 0.1-0.5mmol/L	
Linearity Error	K \leq 0.005mmol/L	K \leq 0.005mmol/L	K \leq 0.005mmol/L	K \leq 0.005mmol/L	
	Na \leq 0.03mmol/L	Na \leq 0.03mmol/L	Na \leq 0.03mmol/L	Na \leq 0.03mmol/L	
Repeatability	Relative Standard Deviation \leq 3%				
Stability	Within 15s the indication of the Max. Relative Deviation \leq 3%				
Dimension(mm/inch)	410 \times 675 \times 410/16 \times 27 \times 16"				
G.W	10kg/22LB				

Cuvettes

751 Standard Cuvette	Cat No.	Outside Dim H*W*D mm	Path Length mm	Volume ml
	70981000	45x12.5x7.5	5	1.7
	70981001	45x12.5x12.5	10	3.5
	70981002	45x12.5x22.5	20	7
	70981003	45x12.5x32.5	30	10.5
	70981004	45x12.5x42.5	40	14
	70981005	45x12.5x52.5	50	17.5
	70981006	45x12.5x102.5	100	35
Micro Cuvette	Cat No.	Outside Dim H*W*D mm	Path Length mm	Volume
	70981007	45x12.4x12.4	10	200µl 1mm
	70981008	45x12.4x12.4	10	500µl 2mm
	70981009	45x12.4x12.4	10	750µl 3mm
	70981010	45x12.4x12.4	10	1000µl 4mm
	Flow Cuvette	Cat No.	Outside Dim H*W*D mm	Path Length mm
	70981011	34x12.5x12.5	10	0.03ml 2mm
	70981012	35x12.4x12.4	10	0.03ml 2mm
	70981013	15x12.4x12.4	10	0.03ml 2mm

Stirrers and Hot Plate



CMS-A

CMS-B

CMS-C

Product name		Ceramic Magnetic Stirrer		
Model	CMS-A	CMS-B	CMS-C	
Speed Range	start up ~1600 rpm stepless speed adjustment	start up ~1600 rpm stepless speed adjustment	start up ~1600 rpm stepless speed adjustment	
Speed Display	Yes	---	---	
Heating Power	600W	600W	600W	
Stirring Power	60W	60W	60W	
Temperature Range	50~320℃	50~320℃	50~320℃	
Temperature Precision	± 0.5℃	± 0.5℃	---	
Timer	0-9999min	---	---	
Working Plate Size(mm)	180x180mm	180x180mm	180x180mm	
Characteristic	Microprocessor control Digital display speed, time, temperature	Analog adjust the speed, Digital time, temperature	Analog adjust the temperature and speed	
Dimension(mm/inch)	205x300x150 8x12x6"	205x300x150 8x12x6"	205x300x150 8x12x6"	
Weight	6kg/ 13LB	6kg/ 13LB	5.5kg/ 12LB	
Cat No.	110V 60HZ	70501100	70501200	70501300
	220V 50HZ	70502100	70502200	70502300

Stirrers and Hot Plate



Oval magnetic stirring bar

Cat No.	Size (mm)
70991000	6x10
70991001	7x15
70991002	8x20
70991003	9x25
70991004	10x30
70991005	11x35
70991006	15x40
70991007	16x50



Octahedral magnetic stirring bar

Cat No.	Size (mm)
70991008	5x10
70991009	8x20
70991010	8x25
70991011	8x30
70991012	8x40
70991013	10x50
70991014	10x60
70991015	10x100



Cylindrical magnetic stirring bar

Cat No.	Size (mm)
70991016	5x10
70991017	5x15
70991018	6x20
70991019	6x25
70991020	8x30
70991021	8x40
70991022	8x50

Hot Plate



CHP-1000



CHP-1500



CHP-2000

Product name		Ceramic Hot Plate		
Model		CHP-1000	CHP-1500	CHP-2000
Max Temperature		320 °C	320 °C	320 °C
Heating Power		1000W	1500W	2000W
Platform Dimension(mm)		300x200mm	300x300mm	450x300mm
Dimension(mm/inch)		300x200x180 12x8x7"	300x300x180 12x12x7"	450x300x180 18x12x7"
Weight		6kg/ 13LB	8kg/ 18LB	12kg/ 26LB
Cat No.	110V 60HZ	70551100	70551200	70551300
	220V 50HZ	70552100	70552200	70552300

Ultrasonic Water Bath



UWB-20

Model	UWB-2	UWB-10	UWB-20	UWB-30	
Ultrasonic Frequency	40,000Hz	40,000Hz	40,000Hz	40,000Hz	
Tank Material	SUS304	SUS304	SUS304	SUS304	
Tank Capacity	2L	10L	20L	30L	
Timer	1-30minutes,Digital timer				
Ultrasonic Power	70W	240W	360W	600W	
Heating Power	60W,Digital Heating	500W,Digital Heating	500W,Digital Heating	500W,Digital Heating	
Unit Size (L*W*H) mm/inch	180x165x240 7.1x6.5x9.4"	330x270x310 13.0x10.6x12.2"	360x330x380 14.2x13.0x15.0"	530x330x390 20.9x13.0x15.4"	
Tank Size (L*W*H) mm/inch	150x135x100 5.9x5.3x3.9"	300x240x150 11.8x9.4x5.9"	330x300x200 13.0x11.8x7.9"	500x300x200 19.7x11.8x7.9"	
Package Size (L*W*H) mm/inch	250x230x320 9.8x9.1x12.6"	445x365x420 17.5x14.4x16.5"	465x425x480 18.3x16.7x18.9"	645x425x475 25.4x16.7x18.7"	
G.W	2.9kg/6.4 LB	9.0kg/19.8 LB	12.0kg/26.5 LB	18kg/39.7 LB	
Cat No.	110V 60HZ	70921100	70921200	70921300	70921400
	220V 50HZ	70922100	70922200	70922300	70922400

Water Distiller

AWD Series Stainless Steel Distiller

AWD-A Series Automatic Cut off Stainless Steel Distiller

- Made of high quality stainless steel.
- Release valve discharges condensed water to reduce fuling.
- Condensing coil structure, the cooling effect is good, large volume of water.
- Evaporative cooling water return barrel, save water resources.
- Copper immersion heating pipe, high thermal efficiency, long service life.
- Automatic cut off the heating power, water to be added back to the working level and continue heating (Automatic type).



AWD-5



AWD-10A



AWD-20

Model	Cat No.	Electric Supply	Power	Water Discharge	Product size (cm/inch)	Weight
AWD-5	70932100	220V/50Hz	4.5KW	≥5L/h	32×20×68 13×8×27"	5kg/ 13LB
AWD-10	70933100	380V/50Hz	7.5KW	≥10L/h	36×25×77 14×10×30"	6kg/ 16LB
AWD-20	70933200	380V/50Hz	15KW	≥20L/h	47×33×75 19×13×30"	10kg/ 20LB

Model	Cat No.	Electric Supply	Power	Water Discharge	Product size (cm/inch)	Weight
AWD-5A	70932200	220V/50Hz	4.5KW	≥5L/h	32×20×68 13×8×27"	7kg/ 18LB
AWD-10A	70933300	380V/50Hz	7.5KW	≥10L/h	36×25×77 14×10×30"	8kg/ 20LB
AWD-20A	70933400	380V/50Hz	15KW	≥20L/h	47×33×75 19×13×30"	12kg/ 22LB

Water Purification System

AWP-10 (Standard Series)

- 3 inch LCD display, with stainless steel as casing.
- The core spare parts (RO membrane, resin and UF membrane, etc) imported from abroad, ensuring water quality long-term stability.
- Timing automatic/manual cleaning; automatic stop when short of water; automatic inner cycle.
- Ultrapure water conductivity /water temperature display online.



Model		AWP-10
Cat No.	110V 60HZ	70931600
	220V 50HZ	70932600
Capacity	10L/H	
Feed Water Pressure/Temperature	0.15-0.5Mpa/5-40°C	
Water Flow Rate	1-1.5L/min	
Resistivity	≥ 18. 2MΩ/cm	
Conductivity	≤ 0. 06μS/cm	
Power	50W	
Size (mm/inch)	430x500x630	
	17x20x25"	
N/W	30KG	
	67LB	



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