Forced Air Drying Oven

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BOV-V35FI/70FI/136FI/225FI

BOV-V640FI/960FI

BOV-V429FI

Features:

* External material: cold-rolled steel with anti-bacteria powder coating.
* Stainless steel inner chamber, round angle structure, adjustable shelves.
* With glass observation window.
* PID microprocessor intelligent temperature controller.
* Over-temperature protection.
* Optional independent temperature protector and RS485 for FI series.

BOV-V30F/ BOV-V45F/
BOV-V65F/ BOV-V125F

BOV-V230F

BOV-V625F

Technical Parameters:

Model	BOV-V30F	BOV-V35FI	BOV-V45F	BOV-V65F	BOV-V70FI	BOV-V125F
Capacity	30L	42L	45L	65L	71L	125L
Temp. Range	RT+10~300°C	RT+10~200/300°C	RT+10~300°C	RT+10~300°C	RT+10~200/300°C	RT+10~300°C
Temp. Precision	0.1°C					
Temp. Fluctuation	±1°C					
Ambient Temp.	5~40°C					
Timing Range	1~9999min					
Shelves No.	2 pcs					
Display	LED	LED	LED		LED	LED
Consumption	800W	850/1600W	1200W	1600W	1550/2400W	2300W
Power Supply	Standard: AC220V±10%, 50/60Hz; optional: AC110V±10%, 60Hz					
Internal Size(W*D*H) mm	310*310*310	350*350*350	350*350*350	400*360*450	450*352*450	500*450*550
External Size(W*D*H) mm	460*510*695	630*630*552	500*550*735	550*550*840	735*630*652	636*680*915
Package Size(W*D*H) mm	550*580*770	725*690*685	620*585*805	640*640*905	815*690*775	725*735*1005
Gross Weight(kg)	34	60	39	47	85	58

Model	BOV-V136FI	BOV-V225FI	BOV-V230F	BOV-V429FI	BOV-V625F	BOV-V640FI	BOV-V960FI
Capacity	137L	240L	230L	420L	625L	600L	900L
Temp. Range	RT+10~200/300°C	RT+10~200/300°C	RT+10~300°C	RT+10~300°C	RT+10~300°C	RT+10~200/300°C	RT+10~200/300°C
Temp. Precision	0.1°C						
Temp. Fluctuation	±1°C						
Ambient Temp.	5~40°C						
Timing Range	1~9999min						
Shelves No.	3 pcs		2 pcs	2 pcs	3 pcs	3 pcs	
Display	LED	LED	LED	LED	LED	LED	LED
Consumption	2100/3000W	2500/4000W	3000W	3100W	5000W	6000W	7500W
Power Supply	Standard:AC220V±10%,50/60Hz; optional:AC110±10%,60Hz			Standard:380V,50Hz	220V,50/60Hz	380V,50/60Hz	
Internal Size (W*D*H) mm	550*454*550	600*495*750	600*500*750	640*585*1355	660*760*1250	800*800*1000	1000*800*1200
External Size (W*D*H) mm	835*730*752	885*780*952	730*670*1220	780*730*1780	895*925*1830	1157*975*1290	1357*975*1490
Package Size(mm)	955*705*955	965*840*1075	770*840*1420	890*890*2000	995*980*1980	1230*1050*1420	1430*1050*1620
Gross Weight(kg)	115	150	103.5	249	277	260	340

Stirrer

Hotplate Magnetic Stirrer

BS-2H

BS-3H

Features of BS-2H/3H:

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

BS-4H

BS-4HC

Features of BS-4H/4HC:

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

Technical Parameters:

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

Hotplate Magnetic Stirrer

MYP11-2

MYP11-2A

SH05-3G

X85-2

X85-2S

Technical Parameters:

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

Plasma Air Sterilizer(Wall Mounted)

Introduction:

It consists of a plasma sterilization area and a dust accumulation area. The sterilization area contains electrons, ions, excited atoms, molecules, and active free radicals, which can effectively kill various bacteria, viruses, fungi and other pathogenic microorganisms in the air. The dust accumulation area can effectively absorb the charged dust particles passing through the sterilization area.

Application:

It is suitable for general operating room, delivery room, blood ward, burn ward, protective isolation ward, intensive care unit; disinfection supply center, intensive dialysis center; examination room, treatment room, infectious disease consultation room, etc.

Features:

* Human and machine coexistence.
* It can effectively remove organic gases and various odors in hospitals.
* High sterilization efficiency and good dust accumulation effect.
* Real-time monitoring of indoor air temperature.
* Three gears adjustable wind speed.
* Multiple working modes: manual, timing, temporary.
* 6 groups program-controlled timing disinfection.
* Automatic accumulation of working hours.
* LCD display, far infrared remote control.

Technical Parameters:

Model	BK-B-1000-D
Circulating Air	1000m³/h
Applicable Room	100m³
Plasma Generator Life	≥8000h
Plasma Concentration(ions/m³)	$8.46*10^{16}$~$2.03*10^{17}$ m³
Electric Field Intensity of Sterilization Area	8000V
Electric Field Intensity of Dust Accumulation Area	4000V
O_3 Residue	≤0.02mg/m³
Sterilization Rate of Staphylococcus Albicans	>99.9%
Average Extinction Rate of Natural Bacteria	>92%
Input Power	≤80W
Power Supply	AC 220V 50Hz（Standard);110V 60Hz(Optional）
External Size(W*D*H)	1110*420*170mm
Package Size(W*D*H)	1160*494*263mm
Gross Weight	24.5kg

Hand-Held UV Disinfection Stick

Introduction:

It can destroy the DNA or RNA structure of single-celled microorganisms such as cells, viruses, etc. Usually, 10-15 seconds of irradiation can achieve the sterilization effect, and will not damage any materials, no chemical residue.

Application:

It can be used for toilets, door handles, toothbrushes, toys, clothing, mobile phones, tableware and any type of textile and plastic surfaces.

Note:

* Do not look at the lamp tube directly.
* Do not disinfect the liquid, prevent the liquid from splashing into the lamp tube, do not immerse the disinfection stick in water.

Technical Parameters:

Model	BK-UVC-01Z
Consumption	1W
Lamp Tube Size	100mm
Lamp Wavelength	253.7nm (no ozone)
UV Lamp Service Life	8000h
Material	Shell: ABS; Lamp tube: quartz
Power Supply	3V, 2 AAA batteries
External Size	190*26*25mm
Net Weight	50g
Package Size	194*32*26mm
Gross Weight	60g

Water Distiller

Electric-heating Water Distiller

Features:

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

Technical Parameters:

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

Auto-control Electric-heating Water Distiller

Features:

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

Technical Parameters:

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

Stirrer

Hotplate Magnetic Stirrer

BS-2H

BS-3H

Features of BS-2H/3H:

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

BS-4H

BS-4HC

Features of BS-4H/4HC:

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

Technical Parameters:

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

Hotplate Magnetic Stirrer

MYP11-2

MYP11-2A

SH05-3G

X85-2

X85-2S

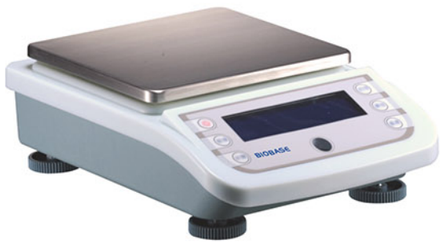
Technical Parameters:

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

BE Series Electronic Balance

Scale Size: Φ125mm

Scale Size: 130*130mm



Scale Size: 160*160mm

Scale Size: 255*190mm

Features:

* AC/DC exchangeable, balance level, LCD display, rapid weighing response and high stability.
* Sensor adopts unique locking device, which guarantees protection of balance during transportation.

Functions:

* System operations: including auto-counting, percentage, automatic calibration, multi-point calibration, standard weights (optional)
* Multiple functions guarantee easy and reliable operation, including unit conversion (metric carat, gold ounce, etc.), stability, memory, full-scale faring.
* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.

Power Supply: AC110/220V±10%, 50/60Hz; Capacity ＜10kg: Power cord, dry battery reservation position (5#*6pcs), no battery; Capacity ≥10kg: Power cord, accumulator.

Technical Parameters:

Model	Capacity	Readability	Repeatability	Linear Error	Scale Size	G.W.	Package Size
BE1002	0~100g	0.01g	0.01g	0.02g	Φ125mm	2.3kg	365*265*170mm
BE2002	0~200g						
BE3002	0~300g						
BE4002	0~400g						
BE5002	0~500g						
BE6002	0~600g						
BE10002	0~1000g				130*130mm		
BE20002	0~2000g		0.02g				
BE30002	0~3000g		0.03g	0.03g	160*160mm		
BE50002	0~5000g						
BE2001	0~200g	0.1g	0.1g	0.1g	Φ125mm		
BE4001	0~400g						
BE5001	0~500g						
BE6001	0~600g						
BE8001	0~800g						
BE10001	0~1000g				130*130mm		
BE16001	0~1600g						
BE20001	0~2000g						
BE30001	0~3000g				160*160mm		
BE40001	0~4000g						
BE50001	0~5000g						
BE60001	0~6000g						
BE80001	0~8000g						
BE100001	0~10000g		0.2g	0.2g	255*190mm	4.5kg	460*395*250mm
BE150001	0~15000g						
BE200001	0~20000g						
BE300001	0~30000g		0.3g	0.3g			
BE1000	0~1000g	1g	1g	1g	130*130mm	2.3kg	365*265*170mm
BE2000	0~2000g						
BE3000	0~3000g				160*160mm		
BE6000	0~6000g						
BE10000	0~10000g				255*190mm	4.5kgm	460*395*250mm
BE15000	0~15000g						
BE20000	0~20000g						
BE30000	0~30000g						

Balance

BA-C Automatic Electronic Analytical Balance (Internal Calibration)

Features:

* Humanized design, novel design and five-side full-transparent windshield.
* A new-generation electromagnetic balance weight sensor guarantees the high precision.
* Application programs such as automatic fault detection, four-point linear calibration and over-load protection.
* The adoption of ultra-large digital integrated printed circuit board guarantees high product precision.
* The adoption of twin-cam mechanism realizes advantageous function of automatic internal calibration which makes product faster and more stable.
* Application programs such as “Warming”, “Calibration”, and “Screen Saver”.
* Ultra-large LCD display brings clearer and more comfortable visual sense to operator.

Functions:

* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale faring, zero-memory, etc.
* Built-in automatic calibration guarantees easier, faster, stable and accurate operation of balance.
* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
* Built-in lower weighing hook guarantees convenient use.

Power Supply: AC110-220V/50-60Hz; Power Cord, no battery.

Technical Parameters:

Model	BA604C	BA1004C	BA1204C	BA1604C	BA2004C	BA2204C	BA1003C	BA2003C	BA3003C
Capacity	0~60g	0~100g	0-120g	0~160g	0~200g	0~220g	0~100g	0~200g	0~300g
Readability	0.1mg						1mg		
Scale Size	Φ90mm								
Stable Time	4s	6s			6-8s		1s		
Repeat Ability	0.2mg				0.3mg		1mg		
Liner	0.2mg	0.3mg					1mg		
N.W.	6.8kg								
External Size	350*215*340mm								
Package Size	480*375*515mm								
G.W.	8.5kg								
Work Space Height	240mm								
Calibration	Internal Cal								

Standard Accessory:

Balance body, scale, adaptor, dust guard, cleaning cloth, tweezers and brush.

BA-N Automatic Electronic Analytical Balance (Internal Calibration) (Economic Series)

Features:

* Humanized design,novel design and four-side transparent windshield.
* High precision magnet sensor keeps the weighing more fast and stable.
* Ultra-large backlight LCD display brings clearer and more comfortable visual sense to operate。

Functions:

* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion(g,oz,ct...), full-scale faring,zero-memory etc.
* Built-in RS232 output interface guarantees direct connection to external equipment such as computer and printer.
* Built-in automatic calibration guarantees easier, faster, stable and accurate

Power Supply: AC110/220V±10%, 50/60Hz; Power Cord, no battery.

Technical Parameters:

Model	BA1004N	BA1104N	BA1204N	BA2004N	BA2104N	BA2204N
Capacity	0~100g	0~110g	0~120g	0~200g	0~210g	0~220g
Readability	0.1mg					
Scale Size	Φ80mm					
Stable Time	≤3s					
Repeat ability	±0.0003g					
Liner	±0.0003g					
G.W.	10kg					
External Size	365*205*350mm					
Package Size	475*315*485mm					
Work Space Height	230mm					
Calibration	Internal Cal					

Standard Accessory

Balance body, adapter, weight, windshield.

Digital Microscope

BXTV-1

BXTV-1A

BXTV-1B

BXM-1B

Technical Parameters:

	Specification	Model			
		BXTV-1	BXTV-1A	BXTV-1B	BXM-1B
Viewing Head	Sliding Trinocular Head Inclined at 45°	√	√		
	Compensation Free Trinocular Head inclined at 30°			√	
	10" LCD				√
Nosepiece	Ball Beating Quadruple Nosepiece	√	√	√	√
Eyepiece	WF10X/18mm	√	√	√	√
Objective	Achromatic 4X, 10X, 40X(S)100X(S, O)	√	√		√
	Plan Achromatic 4X, 10X, 40X(S)100X(S, O)			√	Optional
Stage	Double Layer Mechanical Stage 135*140mm	√	√	√	√
Condenser	ABBE NA1.25 condenser with Iris Diaphragm &filter, rack&pinion adjustable	√	√	√	√
Illumination	Build-in Illumination, Halogen lamp 6V/20W, Power supply 90-230V	√	√	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√
Package	Cartoon with foam	√	√	√	√
Package Size	250*360*460mm	√	√	√	√
Gross Weight	8kg	√	√	√	√

Image Sensor	1/3 SONY CCD	Video Output	BNC 1.0VP-P.75
Signal System	PAL/NTSC	Backlight Compensation	OFF/ON
Scanning Frequency	Horizontal: 15.62KHz; Vertical: 50Hz	Electronic Shuttle	AUTO IRIS EE
Horizontal Resolution	480TV/520TV	Camera Interface	CS
Min Illumination	F1.2 0.5LUX; 0.01 LUX	Balance	Auto
Gain Control	Auto	Power	DC 12V
48S/N Ratio	50dB AGC		

Note: 110V/220V for LED lamp, 220V only for Halogen lamp

Optional: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece(only for Trinocular microscope)

Stereo Zoom Microscope

SZM-45

SZM-45T

ST-20

ST-40

ST-60

Technical Parameters:

Model	Specifications	SZM-45	SZM-45T
Viewing Head	Binocular view head inclined at 60°	√	
	Trinocular view head inclined at 45°		√
	Digital view head inclined at 45°		√
Eyepiece	High point wide field adjustable eyepiece WF10X22mm	√	√
Zoom Objective	0.67X--4.5X	√	√
Zoom Ratio	6.7:1	√	√
Auxiliary Objective	0.5X/177mm,1.5X/47mm, 2X/26mm	√	√
Working Distance	115mm	√	√
Focusing Bracket	Focusing frame and adjustment knob	√	√
Interpupillary Distance	55-75mm/52-75mm	√	√
Up Illumination	LED lamp	√	√
Down Illumination	LED lamp	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√
Package	Cartoon with foam	√	√
Package Size	mm	500*260*370	
Gross Weight	kg	8	

Model	ST-20	ST-40	ST-60
Illumination	Natural light Binocular	Tranilluminator/inclined light	Natural light
View Head And Body	Straight Head	Inclined viewing Up-rotatable body	Inclined viewing Body 360°rotatable
Objective	2X	2X&4X, 90°rotated	2X&4X, 360°rotated
Working Distance	80mm	57mm	100mm
Eyepiece	WF10X/20		
Power Supply	/	AC110/220V±10%, 50/60Hz	
Package Size	300*200*150mm	360*170*290mm	400*250*360mm
Gross Weight	3kg	6kg	8kg

Note: 110V/220V for LED lamp, 220V only for Halogen lamp

Optional: SZM-45, SZM-45T: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece(only for Trinocular microscope) ;
ST-20, ST-40, ST-60: Fluorescent lamp

Table Top High Speed Centrifuge

Features for BKC-TH16II:

* DC Brushless motor with high start torque and frequency inversion for smooth running, maintenance-free.
* Microprocessor control, LED display, Memory flashing function, conversion of RPM/RCF.
* External cold-rolled steel with powder coating steel, stainless steel centrifugal chamber.
* Procedures of adjustable speed from grad 0 to 9 and 40 kinds of self-defining models.
* Functions: Electronic lock lid, imbalance detection, over-speed protection, inching function, short-spin function.

Technical Parameters:

Model	BKC-TH16II
Max. Capacity	4*100ml
Max. Speed	16600rpm
Max. RCF	19200×g
Speed Precision	±50rpm
Timing Range	0~99min
Noise	≤65dB
Power Supply	AC110/220V, 50/60Hz
External Size(W*D*H) mm	450*350*330
Package Size(W*D*H) mm	700*450*510
Net Weight(kg)	30
Gross Weight(kg)	40

Rotor:

Rotor	BKC-TH16II		
	Speed(rpm)	RFC(xg)	Capacity
Angle Rotor	16600	19200	18*0.5ml
	16600	19200	12*2.0/1.5ml
	13000	14740	36*0.5ml
	13000	16060	24*2.0/1.5ml
	13000	11500	10*5ml
	12000	14800	12*10ml
	12000	14800	6*50ml
	10000	10290	12*15ml
	10000	11200	4*100ml
Micro Plate	4000	2300	2*2*48 well

Table Top High Speed Centrifuge

Application:

The instrument applies to the experiments in fields of biology, medical science, agriculture, which is the first choice for heredity gene, protein nucleic acid PCR experiment.

Features:

* 5-inch high-definition touch screen, easily operated, visual display.
* Automatically identify 7 kinds of different rotors, eliminate hidden danger brought by users' maloperation.
* 9 ranges for raising speed,10 ranges for speed reduction, to effectively avoid secondary sedimentation, with better centrifugation effect.
* Available to store 15 series of procedure for users to adjust.
* Alternating frequency conversion electric machine, high precision of rotary speed control.
* Diverse protection setting: overspeed protect, door protect, imbalance protect, to ensure safety of both human and machine.
* Free conversion between rotary speed and centrifugal force.
* Special air duct ensures that the rotors work at normal temperature.
* Air-tight rotor, to effectively avoid aerosol.

Technical Parameters:

Model	BKC-TH16D
Max. Speed	16500rpm
Max. RCF	21500×g
Max. Capacity	6*50mL
Speed Precision	±30rpm
Time Range	1min～99 min59s
Power Supply	AC (110/220±10%)V 50/60Hz
Noise	< 60dB(A)
External Size(W*D*H)mm	350*495*350
Package Size(W*D*H)mm	710*450*520
Net Weight(kg)	30
Gross Weight(kg)	45

Rotor:

No.	Rotor	Max Speed(rpm)	Max RCF(×g)	Capacity
No.1	Angle Rotor	16500	18400	12*1.5/2ml
No.2		15000	21380	24*1.5/2ml
No.3		13000	19080	48*0.5ml
No.4		13000	19270	32*1.5/2ml
No.5		12000	10100	12*5ml
No.6		11000	13120	6*50ml
No.7		12500	16060	12*10ml
No.8		10000	10620	4*100ml
No.9		12000	15370	8*15ml
No.10	Microplate	4000	2000	2*2*48well

BIOBASE®

Rotary Evaporator

Introduction:

The rotary evaporator is made according to the principle of constant temperature heating and film evaporation under vacuum and negative pressure. The rotary evaporator uses stepless speed regulation to make the glass rotating bottle rotate at a constant speed, and the materials form a large area uniform film on the bottle wall.
Then, the rotating bottle is evenly heated by the intelligent constant temperature water bath, evaporated at a high speed under vacuum, and the solvent vapor is cooled by the high-efficiency glass condenser and recycled in the collection bottle.

Application:

Mainly used for concentration, crystallization, drying, separation and solvent recovery in pharmaceutical, chemical and biopharmaceutical industries.

Features:

* Stepless speed controller
* PID temperature adjustment
* Automatic lift control
* High evaporating and recovery collecting rate

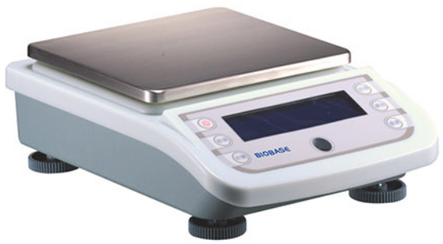
Technical Parameters:

Model	BK-RE-1A
Rotary Bottle	1 L24#(standard size)
Collecting Bottle	0.5L 24 # (standard size)
Glass Material	GG-17
Shelf Material	Spray anti-corrosion steel
Heating Unit Size	250*388*169mm
Chamber Size	φ220*140 mm
Heating Power	1KW
Temp. Range	0-99℃
Temp. Accuracy	±1℃
Temp. Sensor	PT100
Vacuum	0.096Mpa
Rotary Motor	30W
Rotating Speed	0-120rpm
Lift	Motor
Lifting Power	15W
Lifting Stroke	150mm
Speed Control	Stepless speed controller
Sealing Method	Fluorine rubber skeleton oil seal
Condenser	φ85*450mm
Charging Valve	19#(standard size)
Power Supply	220V,50Hz(Standard); 220V,60Hz(Optional)
External Size(W*D*H)	640*340*(860-1010)mm
Package Size(W*D*H)	665*465*415mm
Gross Weight	20kg
Standard Accessory	1 L Rotary Bottle*1, 0.5 L Collecting Bottle*1
Optional Accessory	Vacuum pump, Recirculating chiller, Transparent cover

BE Series Electronic Balance

Scale Size: Φ125mm

Scale Size: 130*130mm



Scale Size: 160*160mm

Scale Size: 255*190mm

Features:

* AC/DC exchangeable, balance level, LCD display, rapid weighing response and high stability.
* Sensor adopts unique locking device, which guarantees protection of balance during transportation.

Functions:

* System operations: including auto-counting, percentage, automatic calibration, multi-point calibration, standard weights (optional)
* Multiple functions guarantee easy and reliable operation, including unit conversion (metric carat, gold ounce, etc.), stability, memory, full-scale faring.
* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.

Power Supply: AC110/220V±10%, 50/60Hz; Capacity ＜10kg: Power cord, dry battery reservation position (5#*6pcs), no battery; Capacity ≥10kg: Power cord, accumulator.

Technical Parameters:

Model	Capacity	Readability	Repeatability	Linear Error	Scale Size	G.W.	Package Size
BE1002	0~100g	0.01g	0.01g	0.02g	Φ125mm	2.3kg	365*265*170mm
BE2002	0~200g						
BE3002	0~300g						
BE4002	0~400g						
BE5002	0~500g						
BE6002	0~600g						
BE10002	0~1000g				130*130mm		
BE20002	0~2000g		0.02g				
BE30002	0~3000g		0.03g	0.03g	160*160mm		
BE50002	0~5000g						
BE2001	0~200g	0.1g	0.1g	0.1g	Φ125mm		
BE4001	0~400g						
BE5001	0~500g						
BE6001	0~600g						
BE8001	0~800g						
BE10001	0~1000g				130*130mm		
BE16001	0~1600g						
BE20001	0~2000g						
BE30001	0~3000g				160*160mm		
BE40001	0~4000g						
BE50001	0~5000g						
BE60001	0~6000g						
BE80001	0~8000g						
BE100001	0~10000g		0.2g	0.2g	255*190mm	4.5kg	460*395*250mm
BE150001	0~15000g						
BE200001	0~20000g						
BE300001	0~30000g		0.3g	0.3g			
BE1000	0~1000g	1g	1g	1g	130*130mm	2.3kg	365*265*170mm
BE2000	0~2000g						
BE3000	0~3000g				160*160mm		
BE6000	0~6000g						
BE10000	0~10000g				255*190mm	4.5kgm	460*395*250mm
BE15000	0~15000g						
BE20000	0~20000g						
BE30000	0~30000g						

Balance

BA-C Automatic Electronic Analytical Balance (Internal Calibration)

Features:

* Humanized design, novel design and five-side full-transparent windshield.
* A new-generation electromagnetic balance weight sensor guarantees the high precision.
* Application programs such as automatic fault detection, four-point linear calibration and over-load protection.
* The adoption of ultra-large digital integrated printed circuit board guarantees high product precision.
* The adoption of twin-cam mechanism realizes advantageous function of automatic internal calibration which makes product faster and more stable.
* Application programs such as “Warming”, “Calibration”, and “Screen Saver”.
* Ultra-large LCD display brings clearer and more comfortable visual sense to operator.

Functions:

* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale faring, zero-memory, etc.
* Built-in automatic calibration guarantees easier, faster, stable and accurate operation of balance.
* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
* Built-in lower weighing hook guarantees convenient use.

Power Supply: AC110-220V/50-60Hz; Power Cord, no battery.

Technical Parameters:

Model	BA604C	BA1004C	BA1204C	BA1604C	BA2004C	BA2204C	BA1003C	BA2003C	BA3003C
Capacity	0~60g	0~100g	0-120g	0~160g	0~200g	0~220g	0~100g	0~200g	0~300g
Readability	0.1mg						1mg		
Scale Size	Φ90mm								
Stable Time	4s	6s			6-8s		1s		
Repeat Ability	0.2mg				0.3mg		1mg		
Liner	0.2mg	0.3mg					1mg		
N.W.	6.8kg								
External Size	350*215*340mm								
Package Size	480*375*515mm								
G.W.	8.5kg								
Work Space Height	240mm								
Calibration	Internal Cal								

Standard Accessory:

Balance body, scale, adaptor, dust guard, cleaning cloth, tweezers and brush.

BA-N Automatic Electronic Analytical Balance (Internal Calibration) (Economic Series)

Features:

* Humanized design,novel design and four-side transparent windshield.
* High precision magnet sensor keeps the weighing more fast and stable.
* Ultra-large backlight LCD display brings clearer and more comfortable visual sense to operate。

Functions:

* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion(g,oz,ct...), full-scale faring,zero-memory etc.
* Built-in RS232 output interface guarantees direct connection to external equipment such as computer and printer.
* Built-in automatic calibration guarantees easier, faster, stable and accurate

Power Supply: AC110/220V±10%, 50/60Hz; Power Cord, no battery.

Technical Parameters:

Model	BA1004N	BA1104N	BA1204N	BA2004N	BA2104N	BA2204N
Capacity	0~100g	0~110g	0~120g	0~200g	0~210g	0~220g
Readability	0.1mg					
Scale Size	Φ80mm					
Stable Time	≤3s					
Repeat ability	±0.0003g					
Liner	±0.0003g					
G.W.	10kg					
External Size	365*205*350mm					
Package Size	475*315*485mm					
Work Space Height	230mm					
Calibration	Internal Cal					

Standard Accessory

Balance body, adapter, weight, windshield.

Touch Screen Constant-Temperature Incubator

Features:

* Large LCD touch screen.
* D type: with inner glass door.
  G type: with viewing window.
* Microprocessor controller.
* Stainless steel chamber.

Double-layer Door (D type)

Glass Viewing Window Door (G type)

Safety Functions:

* Over temperature alarm.
* Independent limit temperature alarm system.
* Leakage current and over-voltage protector.

Standard Accessories:

Test port

Optional Accessories:

Base stand

Footmaster Caster

UV lamp

Technical Parameters:

Model	BJPX-H54BK(D/G)	BJPX-H88BK(D/G)	BJPX-H160BK(D/G)
Capacity	54L	88L	160L
Temperature Control Method	PT100		
Temperature Range	RT+5~85°C		
Temperature Stability	±0.5°C (at 37°C)		
Temperature Uniformity	±1°C (at 37°C)		
Ambient Temperature	5~30°C, recommend 25°C±2°C		
Timing Range	0~99.9h		
Shelves	2pcs/adjustable		
Power Consumption	345W		495W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)		
Internal Size(W*D*H)mm	395*346*395	500*364*500	558*518*600
External Size(W*D*H)mm	D type: 536*588*681 G type: 522*626*587	D type: 650*573*793 G type: 627*621*692	D type: 718*732*890 G type: 685*779*790
Package Size(W*D*H)mm	D type: 606*648*818 G type: 592*676*724	D type: 720*630*930 G type: 697*671*829	D type: 788*792*1027 G type: 755*829*927
Gross Weight(kg)	D type: 51 G type: 44	D type: 65 G type: 51	D type: 89 G type: 69

Constant-Temperature Incubator

Features:

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

BJPX-H30/48/64/123II

BJPX-H230II

Technical Parameters:

Model	BJPX-H30II	BJPX-H48II	BJPX-H64II	BJPX-H123II	BJPX-H230II
Capacity	30L	45L	65L	125L	230L
Temp. Range	RT+5~80°C				
Temp. Fluctuation	±0.2°C				
Time Setting	1~9999mins				
Shelves	2 pcs/adjustable				
Consumption	150W	250W	500W	600W	700W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110±10%, 60Hz(Optional)				
Internal Size(mm)	310*310*310	350*350*350	400*360*450	500*450*550	600*500*750
External Size(mm)	460*510*695	500*550*735	550*550*840	636*680*915	730*670*1220
Package Size(mm)	550*570*765	620*585*800	640*640*905	730*720*1000	900*800*1350
Gross Weight(kg)	51	56	62	71	105

Digital Microscope

BXTV-1

BXTV-1A

BXTV-1B

BXM-1B

Technical Parameters:

	Specification	Model			
		BXTV-1	BXTV-1A	BXTV-1B	BXM-1B
Viewing Head	Sliding Trinocular Head Inclined at 45°	√	√		
	Compensation Free Trinocular Head inclined at 30°			√	
	10" LCD				√
Nosepiece	Ball Beating Quadruple Nosepiece	√	√	√	√
Eyepiece	WF10X/18mm	√	√	√	√
Objective	Achromatic 4X, 10X, 40X(S)100X(S, O)	√	√		√
	Plan Achromatic 4X, 10X, 40X(S)100X(S, O)			√	Optional
Stage	Double Layer Mechanical Stage 135*140mm	√	√	√	√
Condenser	ABBE NA1.25 condenser with Iris Diaphragm &filter, rack&pinion adjustable	√	√	√	√
Illumination	Build-in Illumination, Halogen lamp 6V/20W, Power supply 90-230V	√	√	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√
Package	Cartoon with foam	√	√	√	√
Package Size	250*360*460mm	√	√	√	√
Gross Weight	8kg	√	√	√	√

Image Sensor	1/3 SONY CCD	Video Output	BNC 1.0VP-P.75
Signal System	PAL/NTSC	Backlight Compensation	OFF/ON
Scanning Frequency	Horizontal: 15.62KHz; Vertical: 50Hz	Electronic Shuttle	AUTO IRIS EE
Horizontal Resolution	480TV/520TV	Camera Interface	CS
Min Illumination	F1.2 0.5LUX; 0.01 LUX	Balance	Auto
Gain Control	Auto	Power	DC 12V
48S/N Ratio	50dB AGC		

Note: 110V/220V for LED lamp, 220V only for Halogen lamp

Optional: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece(only for Trinocular microscope)

Stereo Zoom Microscope

SZM-45

SZM-45T

ST-20

ST-40

ST-60

Technical Parameters:

Model	Specifications	SZM-45	SZM-45T
Viewing Head	Binocular view head inclined at 60°	√	
	Trinocular view head inclined at 45°		√
	Digital view head inclined at 45°		√
Eyepiece	High point wide field adjustable eyepiece WF10X22mm	√	√
Zoom Objective	0.67X--4.5X	√	√
Zoom Ratio	6.7:1	√	√
Auxiliary Objective	0.5X/177mm,1.5X/47mm, 2X/26mm	√	√
Working Distance	115mm	√	√
Focusing Bracket	Focusing frame and adjustment knob	√	√
Interpupillary Distance	55-75mm/52-75mm	√	√
Up Illumination	LED lamp	√	√
Down Illumination	LED lamp	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√
Package	Cartoon with foam	√	√
Package Size	mm	500*260*370	
Gross Weight	kg	8	

Model	ST-20	ST-40	ST-60
Illumination	Natural light Binocular	Tranilluminator/inclined light	Natural light
View Head And Body	Straight Head	Inclined viewing Up-rotatable body	Inclined viewing Body 360°rotatable
Objective	2X	2X&4X, 90°rotated	2X&4X, 360°rotated
Working Distance	80mm	57mm	100mm
Eyepiece	WF10X/20		
Power Supply	/	AC110/220V±10%, 50/60Hz	
Package Size	300*200*150mm	360*170*290mm	400*250*360mm
Gross Weight	3kg	6kg	8kg

Note: 110V/220V for LED lamp, 220V only for Halogen lamp

Optional: SZM-45, SZM-45T: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece(only for Trinocular microscope) ;
ST-20, ST-40, ST-60: Fluorescent lamp

Table Top Low Speed Large Capacity Centrifuge

Introduction:

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

Features:

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

Technical Parameters:

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

Rotor:

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

Benchtop pH/ORP/Ion Meter

PH-920

PH-930

pH:

* 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers.
* Automatic electrode diagnosis shows the pH slope and offset.
* Automatic temperature compensation ensures accurate readings over the entire range.
* Calibration due alarm prompts user to calibrate the meter regularly.

ORP:

* 1 point offset calibration allows adjusting the displayed value to a known standard.
* Relative and absolute millivolt modes ensure the reliable ORP measurements.Ion Concentration(For PH-930).
* 2 to 5 points calibration, including the 8 concentration points can be selected.
* Direct ion concentration readout simplifies the measurement process.
* Automatic electrode diagnosis shows the calibration points and slopes.
* Selectable concentration units (ppm, mg/L, mol/L, mmol/L) and ionic valency.

General Features

* Auto-Read function senses and locks the measurement endpoint.
* Setup menu allows setting the pH buffer set, number of calibration points, resolution, stability criteria, temperature unit, date and time, etc.
* Reset function automatically resumes all settings back to the factory defaults.
* Expanded memory stores or recalls up to 500 data sets.
* USB communication interface for data transfer and timed interval readings.

Accessories:

E201-BNC plastic body pH electrode, temperature probe, pH buffer sachets, electrode holder, DC5Vpower adapter.

Technical Parameters:

Model		PH-920	PH-930
PH	Range	-2.000~20.000pH	
	Accuracy	±0.002pH	
	Resolution	0.1, 0.01, 0.001pH, Selectable	
	Calibration Points	1~5 points	
	Calibration Solutions	USA, NIST, DIN, 2 custom buffers	
ORP	MV Range	±1999.9mV	
	Relative mV Range	±1999.9mV	
	Resolution	0.1, 1mV, Selectable	
	MV Accuracy	±0.2mV	
	Calibration Points	1 point	
Ion	Range	/	0.001~19999ppm, mg/L, mol/L (deponding on the range of ISE)
	Resolution	/	0.001, 0.01, 0.1, 1
	Accuracy	/	±0.5% F.S (Monovalent), ±1% F.S (Divalent)
	Measurement Units	/	ppm, mg/L, mol/L, mmol/L
	Calibration Points	/	2 to 5 points
	Calibration Solutions	/	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000
Temperature	Range	0~105°C/32~221°F	
	Resolution	0.1°C/0.1°F	
	Accuracy	±0.5°C/±0.9°F	
	Offset Calibration	1 point, reading ±10°C	
Other Specifications	Temperature Compensation	0~100°C, Manual or Automatic	
	Stability Criteria	Low or high	
	Calibration Due Alarm	1 to 31 days or off	
	Slope/Offset Display	Yes	
	Hold Function	Manual or auto-endpoint	
	Memory	500 data sets	
	Communication Interface	USB	
	Connector	BNC, 3.5mm jack socket	
	Display	Custom LCD (125*100mm)	
	Power Requirements	DC5Vpower adapter	
	Dimensions(mm)	210*188*60mm	
	Weight(kg)	1.5kg	
	Package Size(W*D*H)mm	310*240*180mm	
	Gross weight(kg)	1.7kg	

Water Distiller

Electric-heating Water Distiller

Features:

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

Technical Parameters:

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

Auto-control Electric-heating Water Distiller

Features:

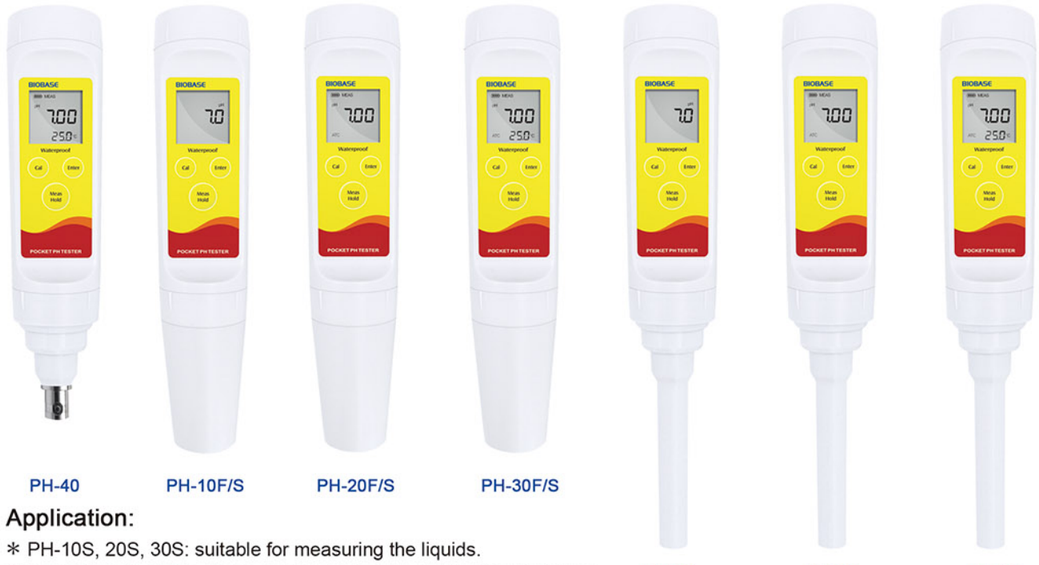
* Stainless steel material, adopt stamping and welding technology.
* Water shortage and power-off alarm.
* Power, heating indicator and show water shortage.

Technical Parameters:

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

PH Meter

Pocket pH /°C/°F Tester



PH-40 PH-10F/S PH-20F/S PH-30F/S PH-10L PH-20L PH-30L

Application:

* PH-10S, 20S, 30S: suitable for measuring the liquids.
* PH-10F, 20F, 30F: suitable for measuring the semisolid substances.
* PH-10L, 20L, 30L: suitable for measuring the small volume samples.
* PH-40 is suitable for connecting with the various pH electrodes.

PH-10/20 Features:

* 2 points push-button calibration with auto-buffer recognition.
* Hold function freezes current measured value for easy viewing and recording.
* Auto-Power Off helps user effectively conserve battery life.
* Replaceable electrode module reduces maintenance and replacement cost.

PH-30/40 Features:

* BNC connector is easy to connect a variety of pH electrodes (Only for PH-40).
* 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
* Automatic temperature compensation ensures accurate readings over the entire range (Only for PH-30); Manual temperature compensation provides a wide range of temperature input (Only for PH-40).
* Auto-Read function senses and locks the measurement endpoint
* Setup menu allows setting the pH buffer set, number of calibration points, temperatureunit, auto-power off, etc.
* Reset function automatically resumes all settings back to the factory defaults.

Replaceable pH Electrodes:

PH-S

Circular pH-sensitive membrane
Suitable for measuring the liquids

PH-F

Flat surface pH-sensitive membrane
Suitable for measuring the semisolids

PH-L

Flat surface pH-sensitive membrane
Suitable for measuring the small volume samples

Accessories:

pH buffer pouches (pH4.01/7.00/10.01), batteries, plastic box or carrying case.

Technical Parameters:

Model		PH-10S/F/L	PH-20S/F/L	PH-30S/F/L	PH-40
pH	Range	0.0~14.0pH		-1.00~15.00pH	
	Accuracy	±0.1pH	±0.05pH	±0.01pH	
	Calibration Points	2 points	1~3 points		
	pH Buffer Options	USA (pH4.01/7.00/10.01)	USA (pH4.01/6.86/7.00/9.18/10.01)		
Temperature	Range	/	0~60°C	0~60°C/32~140°F	0~100°C/32~212°F
	Resolution	/	1°C	0.1°C/0.1°F	0.5°C/0.5°F
	Accuracy	/	±1°C	±1°C/±1.8°F	/
	Offset Calibration	/	/	1 point, reading ±10°C	/
Other Specifications	Temp.Compensation	/	0~60°C, Automatic		0~100°C, Manual
	Hold Function	Manual		Manual or Auto-endpoint	
	Auto-Off	8 minutes after last key pressed			
	Operating Temperature	0~50°C			
	Display	Single-line LCD (21*21mm)		Dual-line LCD (21*21mm)	
	Connector	6-pin			BNC
	Power Requirements	3*1.5V LR44 micro alkaline batteries		2*1.5V AAA batteries	
	Battery Life	Approximately 150 hours of continuous use		Approximately 200 hours of continuous use	
	Dimensions (L*D) mm	185 (L) *40 (Dia.)			175 (L)*40 (Dia.)
	Package Size (W*D*H) mm	325*140*270			
	Net Weight(g)	100g			
	Gross Weight(kg)	1kg			

BIOBASE®

Thermostatic Water Bath

BK-S2 BK-S6 BK-S4

Introduction:

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

Features:

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

Technical Parameters:

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

Balance

BA-C Automatic Electronic Analytical Balance (Internal Calibration)

Features:

* Humanized design, novel design and five-side full-transparent windshield.
* A new-generation electromagnetic balance weight sensor guarantees the high precision.
* Application programs such as automatic fault detection, four-point linear calibration and over-load protection.
* The adoption of ultra-large digital integrated printed circuit board guarantees high product precision.
* The adoption of twin-cam mechanism realizes advantageous function of automatic internal calibration which makes product faster and more stable.
* Application programs such as “Warming”, “Calibration”, and “Screen Saver”.
* Ultra-large LCD display brings clearer and more comfortable visual sense to operator.

Functions:

* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale faring, zero-memory, etc.
* Built-in automatic calibration guarantees easier, faster, stable and accurate operation of balance.
* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
* Built-in lower weighing hook guarantees convenient use.

Power Supply: AC110-220V/50-60Hz; Power Cord, no battery.

Technical Parameters:

Model	BA604C	BA1004C	BA1204C	BA1604C	BA2004C	BA2204C	BA1003C	BA2003C	BA3003C
Capacity	0~60g	0~100g	0-120g	0~160g	0~200g	0~220g	0~100g	0~200g	0~300g
Readability	0.1mg						1mg		
Scale Size	Φ90mm								
Stable Time	4s	6s			6-8s		1s		
Repeat Ability	0.2mg				0.3mg		1mg		
Liner	0.2mg	0.3mg					1mg		
N.W.	6.8kg								
External Size	350*215*340mm								
Package Size	480*375*515mm								
G.W.	8.5kg								
Work Space Height	240mm								
Calibration	Internal Cal								

Standard Accessory:

Balance body, scale, adaptor, dust guard, cleaning cloth, tweezers and brush.

BA-N Automatic Electronic Analytical Balance (Internal Calibration) (Economic Series)

Features:

* Humanized design,novel design and four-side transparent windshield.
* High precision magnet sensor keeps the weighing more fast and stable.
* Ultra-large backlight LCD display brings clearer and more comfortable visual sense to operate。

Functions:

* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion(g,oz,ct...), full-scale faring,zero-memory etc.
* Built-in RS232 output interface guarantees direct connection to external equipment such as computer and printer.
* Built-in automatic calibration guarantees easier, faster, stable and accurate

Power Supply: AC110/220V±10%, 50/60Hz; Power Cord, no battery.

Technical Parameters:

Model	BA1004N	BA1104N	BA1204N	BA2004N	BA2104N	BA2204N
Capacity	0~100g	0~110g	0~120g	0~200g	0~210g	0~220g
Readability	0.1mg					
Scale Size	Φ80mm					
Stable Time	≤3s					
Repeat ability	±0.0003g					
Liner	±0.0003g					
G.W.	10kg					
External Size	365*205*350mm					
Package Size	475*315*485mm					
Work Space Height	230mm					
Calibration	Internal Cal					

Standard Accessory

Balance body, adapter, weight, windshield.

BA-B Series Electronic Analytical Balance (External Calibration)

Features:

* Humanized design, novel design and five-side full-transparent windshield.
* A new-generation electromagnetic balance weighing sensor guarantees high precision.
* Application programs such as automatic fault detection, four-point linear calibration and over-load protection.
* Ultra-large LCD display brings clearer and more comfortable visual sense to operate.

Functions:

* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale faring, zero-memory, etc.
* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
* Built-in lower weighing hook guarantees convenient use.

Power Supply: AC110-220V/50-60Hz; Power Cord, no battery.

Technical Parameters:

Model	BA504B	BA604B	BA1004B	BA1104B	BA1204B	BA1604B	BA2004B	BA2104B	BA2204B	BA2104S
Capacity	0~50g	0~60g	0~100g	0~110g	0~120g	0~160g	0~200g	0~210g	0~220g	0~60/60~210g
Readability	0.1mg									0.1mg/1mg
Scale Size	Φ80mm									
Stable Time	4s		6s				6-8s			4s
Repeat Ability	0.2mg						0.3mg			0.2mg/1mg
Liner	0.2mg		0.3mg							0.2mg/1mg
N.W.	6.8kg									
External Size	350*215*340mm									
Package Size	480*375*515mm									
G.W.	8.5kg									
Work Space Height	240mm									
Calibration	External Cal									

Standard Accessory:

Balance body, scale, adaptor, Standard weights, dust guard, cleaning cloth, tweezers and brush.

BP-B/P Series Electronic Precision Balance

Features:

* Humanized design, novel design and five-side full-transparent windshield.
* A new-generation electromagnetic balance weighing sensor guarantee high precision.
* Application programs such as automatic fault detection, four-point linear calibration and over-load protection.
* Ultra-large LCD display brings clearer and more comfortable visual sense to operate.
* Built-in lower weighing hook guarantees convenient use.

Functions:

* Multiple functions guarantee easy and reliable operation, including auto-counting, unit conversion (metric carat, gold ounce, etc.), stability, full-scale faring, zero-memory, etc.
* Built-in RS232C output interface guarantees direct connection to external equipment such as computer and printer.
* Built-in lower weighing hook guarantees convenient use.

Power Supply: AC110-220V/50-60Hz; Power Cord, no battery.

Technical Parameters:

Model	BP1003B	BP1203B	BP2003B	BP3003B	BP4103B	BP5003B	BP10003	BP1003P	BP2003P
Capacity	0~100g	0~120g	0~200g	0~300g	0~410g	0~500g	0~1000g	0~100g	0~200g
Readability	1mg								
Scale Size	Φ80mm				Φ110mm			Φ80mm	
Stable Time	1s								
Repeat Ability	1mg						2mg		
Liner	1mg				2mg		3mg		
N.W.	6.8kg								
External Size	350*215*340mm								
Package Size	480*375*515mm								
G.W.	8.5kg								
Work Space Height	240mm								
Calibration	External Cal								

Standard Accessory:

Balance body, scale, adaptor, Standard weights, dust guard, cleaning cloth, tweezers and brush.

Benchtop pH/ORP/Ion Meter

PH-920

PH-930

pH:

* 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers.
* Automatic electrode diagnosis shows the pH slope and offset.
* Automatic temperature compensation ensures accurate readings over the entire range.
* Calibration due alarm prompts user to calibrate the meter regularly.

ORP:

* 1 point offset calibration allows adjusting the displayed value to a known standard.
* Relative and absolute millivolt modes ensure the reliable ORP measurements.Ion Concentration(For PH-930).
* 2 to 5 points calibration, including the 8 concentration points can be selected.
* Direct ion concentration readout simplifies the measurement process.
* Automatic electrode diagnosis shows the calibration points and slopes.
* Selectable concentration units (ppm, mg/L, mol/L, mmol/L) and ionic valency.

General Features

* Auto-Read function senses and locks the measurement endpoint.
* Setup menu allows setting the pH buffer set, number of calibration points, resolution, stability criteria, temperature unit, date and time, etc.
* Reset function automatically resumes all settings back to the factory defaults.
* Expanded memory stores or recalls up to 500 data sets.
* USB communication interface for data transfer and timed interval readings.

Accessories:

E201-BNC plastic body pH electrode, temperature probe, pH buffer sachets, electrode holder, DC5Vpower adapter.

Technical Parameters:

Model		PH-920	PH-930
PH	Range	-2.000~20.000pH	
	Accuracy	±0.002pH	
	Resolution	0.1, 0.01, 0.001pH, Selectable	
	Calibration Points	1~5 points	
	Calibration Solutions	USA, NIST, DIN, 2 custom buffers	
ORP	MV Range	±1999.9mV	
	Relative mV Range	±1999.9mV	
	Resolution	0.1, 1mV, Selectable	
	MV Accuracy	±0.2mV	
	Calibration Points	1 point	
Ion	Range	/	0.001~19999ppm, mg/L, mol/L (deponding on the range of ISE)
	Resolution	/	0.001, 0.01, 0.1, 1
	Accuracy	/	±0.5% F.S (Monovalent), ±1% F.S (Divalent)
	Measurement Units	/	ppm, mg/L, mol/L, mmol/L
	Calibration Points	/	2 to 5 points
	Calibration Solutions	/	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000
Temperature	Range	0~105°C/32~221°F	
	Resolution	0.1°C/0.1°F	
	Accuracy	±0.5°C/±0.9°F	
	Offset Calibration	1 point, reading ±10°C	
Other Specifications	Temperature Compensation	0~100°C, Manual or Automatic	
	Stability Criteria	Low or high	
	Calibration Due Alarm	1 to 31 days or off	
	Slope/Offset Display	Yes	
	Hold Function	Manual or auto-endpoint	
	Memory	500 data sets	
	Communication Interface	USB	
	Connector	BNC, 3.5mm jack socket	
	Display	Custom LCD (125*100mm)	
	Power Requirements	DC5Vpower adapter	
	Dimensions(mm)	210*188*60mm	
	Weight(kg)	1.5kg	
	Package Size(W*D*H)mm	310*240*180mm	
	Gross weight(kg)	1.7kg	

5-Part Auto Hematology Analyzer
BK-6310

Features:

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

Parameters:

Model	BK-6310			
Throughput	60 Tests/hour			
Assay Items	5 parts, 29 parameters, 3 histograms, 3D scattergram			
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide free reagent for HGB test			
Test Mode	CBC mode, CBC+DIFF mode Venous whole blood, Capillary whole blood and Prediluted			
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS# 4 Research parameter: ALY%, ALY#, IG%, IG#			
Performance	Item	Linearity range	Carry Over	CV
	WBC	0~300x10^9/L	≤ 0.5%	≤ 2.0%
	RBC	0~8.00x10^{12}/L	≤ 0.5%	≤ 1.5%
	HGB	0~250g/L	≤ 0.5%	≤ 1.5%
	PLT	0~3000x10^9/L	≤ 1.0%	≤ 4.0%
Sample Volume	CBC+DIFF mode: ≤20μl CBC mode: ≤10μl			
Storage	100,000 results including histogram, scattergram and patient information			
Interface	4 USB ports, 1LAN port Bi-direction LIS, support HL7 protocol, Internal RFID reader			
Power Supply	AC220V±10% 50/60Hz; 110V±10% 60Hz; 400VA			
Package Size(W*D*H)	670*590*790mm			
Gross Weight	53kg			
Reagent Package Size	330*330*330mm, 400*290*240mm, 400*290*240mm			
Reagent Gross Weight	22kg, 2kg, 1kg			

5-Part Auto Hematology Analyzer
BK-6400

Features:

①. 60 Tests/hour.
②. Laser scatter technology.
③. Constant linear sheath flow.
④. 2 test modes & 2 sample modes.
⑤. 3-D topographic maps for WBC.
⑥. Integral titanium incubation system.
⑦. 28 parameters, 2 histograms, 2 scattergrams.

Parameters:

Model	BK-6400			
Throughput	60 Tests/hour			
Assay Items	5 parts, 28 parameters, 2 histograms, 2 scattergrams			
Test mode	CBC+5DIFF, CBC			
Measuring Principle	Laser Scatter Technology			
Testing Items	Regular Parameters: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PDW, MPV, PCT, P-LCR, NEU#, NEU%, LYM#, LYM%, MON#, MON%, EOS#, EOS%, BAS#, BAS% Research Parameters: ALY#, ALY%, IG#, IG%			
Performance	Item	Linear range	Carry over	CV
	WBC	1.0~99.9*10^9/L	≤0.5%	≤2.0%
	RBC	0.3~7.0*10^{12}/L	≤0.5%	≤1.5%
	HGB	20~240g/L	≤0.5%	≤1.5%
	PLT	20~999*10^9/L	≤1.0%	≤4.0%
Storage	100,000 results storage including histogram and scattergram			
LIS Interface	Support HL7 protocol			
QC and Calibration	Multiple QC rules, including L-J, X-B etc Auto and manual calibration function for both whole blood mode and pre-diluted blood mode			
Incubation	Integral titanium incubation system			
Operation Environment	Temperature: 15~30°C			
	Humidity: 30%~85%			
Power supply	AC220V±10% 50/60Hz; 110V±10% 60Hz, 600VA			
Package Size(W*D*H)	750*650*910mm			
Gross Weight	80kg			
Reagent Package Size	320*320*300mm; 340*290*280mm			
Reagent Gross Weight	21kg; 4kg			