



LABORATORY VERTICAL AUTOCLAVE

LABORATORY VERTICAL AUTOCLAVE BJT1E1 TO BJT1E6

VERTICAL AUTOCLAVE



Bolt structure
 High quality stainless steel material
 Microcomputer automatic control, arbitrary set of sterilization parameters
 Digital display and touch buttons
 Standard test interface
 The container with automatic protection function: over temperature protection;
 over pressure protection self discharge; low water level protection, anti dry burning
 With stainless steel bucket or basket
 Buzzer reminder after sterilization, automatic stop.
 Automatic cooling air, sterilization end automatic exhaust steam

SPECIFICATIONS

Model	BJT1E1	BJT1E2	BJT1E3
Old Model	BAVT-3301	BAVT-3302	BAVT-3303
Capacity	35 L	50 L	75 L
Power	2.5 kW	3.5 kW	4.5 kW
Voltage	AC 220V. 50HZ		
Design pressure	0.25 Mpa		
Design temperature	139°C		
Rated working pressure	0.22 Mpa		
Rated working temperature	134°C		
Sterilization temperature setting range	116°C~134°C		
Sterilization time setting range	4 ~ 120 min		
Chamber volume	Ø 300x500	Ø 350x525	Ø 400x625
Bucket dimension	Ø 280x400	Ø 330x460	Ø 380x560
Basket dimension	/	Ø 320x240x2	Ø 360x280x2
Outer dimension	400x400x860	480x480x960	525x525x1060
Packing size	550x500x1030	580x630x1100	630x680x1190
Net weight	41 Kg	53 Kg	61 Kg
Gross Weight	58 Kg	75 Kg	82 Kg
Alt Name	Vertical Steam Sterilizer		
Model	BJT1E4	BJT1E5	BJT1E6
Old Model	BAVT-3304	BAVT-3305	BAVT-3306
Capacity	100 L	120 L	150 L
Power	4.5 kW		6.0 kW
Voltage	AC 220V. 50HZ		
Design pressure	0.25 Mpa		
Design temperature	139°C		
Rated working pressure	0.22 Mpa		
Rated working temperature	134°C		
Sterilization temperature setting range	116°C~134°C		
Sterilization time setting range	4 ~ 120 min		
Chamber volume	Ø 450x650	Ø 450x760	Ø 500x780

Bucket dimension	Ø 420x540	Ø 420x660	Ø 470x720
Basket dimension	Ø 410x300x2	Ø 410x350x2	Ø 460x350x2
Outer dimension	555x555x1080	555x599x1200	605x649x1210
Packing size	690x650x1230	690x650x1330	750x700x1370
Net weight	78 Kg	82 Kg	90 Kg
Gross Weight	103 Kg	108 Kg	116 Kg
Alt Name	Vertical Steam Sterilizer		

LABORATORY VERTICAL AUTOCLAVE BJT1F1 TO BJT1F4

VERTICAL AUTOCLAVE



Hand wheel translation and quick opening structure
 High quality stainless steel material
 Microcomputer automatic control, arbitrary setting sterilization parameters
 Safety interlocking device
 Digital display and Touch buttons
 Standard test interface
 Self-expanding seal
 With automatic protection function: over temperature protection; over pressure self discharge protection; low water level protection; anti dry burning
 With stainless steel bucket or basket
 Buzzer reminder after sterilization, automatic stop
 Automatic discharge of cold air, automatic steam exhaust after sterilization

SPECIFICATIONS

Model	BJT1F1	BJT1F2	BJT1F3	BJT1F4
Old Model	BAVT-3201	BAVT-3202	BAVT-3203	BAVT-3204
Capacity	35 L	50 L	75 L	100 L
Power	3.5 kW		4.5 kW	
Voltage	AC 220V. 50HZ			
Design pressure	0.25 Mpa			
Design temperature	139℃			
Rated working pressure	0.22 Mpa			
Rated working temperature	134℃			
Sterilization temperature setting range	116℃~134℃			
Sterilization time setting range	4 ~ 120 min			
Chamber volume	Ø 350x400	Ø 350x525	Ø 400x625	Ø 450x650
Bucket dimension	Ø 330x320	Ø 330x480	Ø 380x540	Ø 430x550
Basket dimension	Ø 320x350	Ø 320x240x2	Ø 360x280x2	Ø 410x300x2
Outer dimension	480x480x1000	480x480x1120	525x525x1190	555x555x1250
Packing size	580x630x1130	580x630x1230	630x680x1290	690x650x1410
Net weight	58 Kg	80 Kg	90 Kg	106 Kg
Gross Weight	79 Kg	106 Kg	120 Kg	133 Kg
Alt Name	Vertical Steam Sterilizer			

LABORATORY VERTICAL AUTOCLAVE BJT1D1 TO BJT1D4

VERTICAL AUTOCLAVE



Hand wheel translation and quick opening structure
High quality stainless steel material
Microcomputer automatic control, arbitrary setting sterilization parameters
Yr Safety interlocking device
Digital display and Touch buttons
Standard test interface
Self-expanding seal
With drying function
With automatic protection function: over temperature protection; over pressure protection; low water level protection; anti dry burning
With stainless steel bucket or basket Buzzer reminder after sterilization, automatic stop

SPECIFICATIONS

Model	BJT1D1	BJT1D2	BJT1D3	BJT1D4
Old Model	BAVT-3101	BAVT-3102	BAVT-3103	BAVT-3104
Capacity	35 L	50 L	75 L	100 L
Power	3.5 kW		4.5 kW	
Voltage	AC 220V. 50HZ			
Design pressure	0.25 Mpa			
Design temperature	139℃			
Rated working pressure	0.22 Mpa			
Rated working temperature	134℃			
Sterilization temperature setting range	116℃~134℃			
Sterilization time setting range	4 ~ 120 min			
Drying time setting range	0 ~ 240 min			
Chamber volume	Ø 350x400	Ø 350x525	Ø 400x625	Ø 450x650
Bucket dimension	Ø 330x320	Ø 330x460	Ø 380x560	Ø 420x540
Basket dimension	Ø 320x350	Ø 320x240x2	Ø 360x280x2	Ø 410x300x2
Outer dimension	480x480x1000	480x480x1120	525x525x1190	550x550x1250
Packing size	580x630x1130	580x630x1230	630x680x1290	690x650x1410
Net weight	58 Kg	80 Kg	90 Kg	106 Kg
Gross Weight	79 Kg	106 Kg	120 Kg	133 Kg
Alt Name	Vertical Steam Sterilizer			

FEATURES

Hand wheel translation and quick opening structure
High quality stainless steel material
Microcomputer automatic control, arbitrary setting sterilization parameters
Yr Safety interlocking device
Digital display and Touch buttons
Standard test interface
Self-expanding seal
With drying function
With automatic protection function: over temperature protection; over pressure protection; low water level protection; anti dry

burning

With stainless steel bucket or basket Buzzer reminder after sterilization, automatic stop

Automatic discharge of cold air,automatic steam exhaust after sterilization

LABORATORY VERTICAL AUTOCLAVE BE01C1 TO BE01C11

VERTICAL AUTOCLAVE



- 1.Simple and easily understandable control panel to show the sterilization temperature, sterilization time, drying time, press separate keys to set the temperature and time makes the operation easier
 2. Each sterilization stage is displayed with LED lights, making the sterilization process clear at a glance.
 - 3.Microcomputer intelligent control system ,achieves fully automatic control of the sterilization process.
 4. The system automatically monitors the discharge of cold air to ensure a pure steam sterilization environment and the best sterilization effect.
 - 5.Up to 20 error information records can be stored, facilitating instrument management.
- Safety

SPECIFICATIONS

Model	BE01C1	BE01C2	BE01C3	BE01C4
Old Model		BAVT-502-B	BAVT-503-B	BAVT-504-B
Capacity(L)	29	50	80	100
Dimension(L*W*H)(mm)	580x490x960	580x490x1085	730x625x1100	730x625x1200
Chamber dimension(Dia*H)(mm)	Φ 320 x 378	Φ 320 x 725	Φ 400 x 700	Φ 400 x 800
Power requirements	220V ± 10% 16A 50HZ / 60HZ		220V ± 10% 32A 50HZ / 60HZ	
Rated power(W)	2600W		4600W	
Sus304 basket size(pcs)	(Φ 298 x 260) x 1	(Φ 298 x 195) x 3	(Φ 360 x 275) x 2	(Φ 360 x 215) x 3
Chamber material	SUS304 stainless steel			
Sterilization temperature	105°C~135°C			
Sterilization time range	1~300min			
Pressure gauge range	-0.1MPa~0.5MPa			
Pulse times	0~9 times(SE/SR only)			
Exhaust temperature range	73°C~104°C(SE/SR only,liquid mode)		105°C~130°C(Solid mode)	
Safety valve set pressure	0.29MPa			
Drying	Drying temperature: 80°C~160°C Drying time: 1~300 min			
Controller	Microcomputer control system			
Safety device	Lid closing checking, over temperature protection system,dry scorch protection, over pressure protection, safety valve, over current/short circuit/electric leakage protection,scald protection, automatic failure-inspection system			
Alt Name	Basic			

Model	BE01C5	BE01C6	BE01C7	BE01C8
Capacity(L)	29	50	80	100
Dimension(L*W*H)(mm)	580x490x960	580x490x1085	730x625x1100	730x625x1200
Chamber dimension(Dia*H)(mm)	Φ 320 x 378	Φ 320 x 725	Φ 400 x 700	Φ 400 x 800
Power requirements	220V ± 10% 16A 50HZ / 60HZ		220V ± 10% 32A 50HZ / 60HZ	
Rated power(W)	2600W		4600W	

Sus304 basket size(pcs)	(Φ 298 x 260) x 1	(Φ 298 x 195) x 3	(Φ 360 x 275) x 2	(Φ 360 x 215) x 3
Chamber material	SUS304 stainless steel			
Sterilization temperature	105℃~135℃			
Sterilization time range	1~300min			
Pressure gauge range	-0.1MPa~0.5MPa			
Pulse times	0~9 times			
Safety valve set pressure	0.29MPa			
Drying	Drying temperature: 80℃~160℃ Drying time: 1~300 min			
Sterilization mode	Solid mode		Liquid mode	
Controller	Microcomputer control system			
Safety device	Lid closing checking, over temperature protection system,dry scorch protection, over pressure protection, safety valve, over current/short circuit/electric leakage protection,scald protection, automatic failure-inspection system			
Alt Name	Pulse			
Model	BE01C9	BE01C10		BE01C11
Old Model	BAVT-502-A	BAVT-503-A		BAVT-504-A
Capacity(L)	50	80		100
Dimension(L*W*H)(mm)	580x490x1085	730x625x1100		730x625x1200
Chamber dimension(Dia*H)(mm)	Φ 320 x 725	Φ 400 x 700		Φ 400 x 800
Power requirements	220V ± 10% 6A50HZ / 60HZ	220V ± 10% 32A 50HZ / 60HZ		
Rated power(W)	2600W	4600W		
Sus304 basket size(pcs)	(Φ 298 x 195) x 3	(Φ 360 x 275) x 2		(Φ 360 x 215) x 3
Chamber material	SUS304 stainless steel			
Sterilization temperature	105℃~135℃			
Sterilization time range	1~300min			
Pressure gauge range	-0.1MPa~0.5MPa			
Pulse times	0~9 times			
Exhaust temperature range	73℃~104℃(SE/SR only,liquid mode)		105℃~130℃(Solid mode)	
Safety valve set pressure	0.29MPa			
Drying	Drying temperature: 80℃~160℃			
Sterilization	Sterilization + drying			
Controller	Microcomputer control system			
Safety device	Lid closing checking, over temperature protection system,dry scorch protection, over pressure protection, safety valve, over current/short circuit/electric leakage protection,scald protection, automatic failure-inspection system			
Alt Name	Drying			

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Micro printer	To print temp.,time and FO value Printing set:printer+digital pressure sensor:can print temp. and pressure in data and flow chart way
2	Stainless steel bucket	
3	Digital pressure sensor	Printing set:printer+digital pressure sensor:can print temp. and pressure in data and flow chart way

4	1Q/0Q/PQ (3Q)adapter joint	
5	Tray	
6	Adjust foot	



1



2



3



4



5



6

FEATURES

- 1.Simple and easily understandable control panel to show the sterilization temperature, sterilization time, drying time, press separate keys to set the temperature and time makes the operation easier
2. Each sterilization stage is displayed with LED lights, making the sterilization process clear at a glance.
- 3.Microcomputer intelligent control system ,achieves fully automatic control of the sterilization process.
4. The system automatically monitors the discharge of cold air to ensure a pure steam sterilization environment and the best sterilization effect.
- 5.Up to 20 error information records can be stored, facilitating instrument management.

Safety



1. Lid closing checking:

Machine can not start if lid is not locking well,the self-induction interlock device can avoid risk of misuse

2. Unique anti-scald cover:

Nice look and avoid causing scald

3. Triple protection for lack of water:

The bottom of the sterilization chamber is equipped with three different dry burning protection devices: liquid expansion type, copper temperature sensing type, and electric ion type (water level sensor), to avoid misjudgment caused by a single method.

4. Double protection for over pressure:

Mechanical pressure gauge and electric sensing system, once pressure is abnormal, the system will cut power, release the pressure and send out an alarm.

5. Auto troubleshooting:

The system will monitor the working status, and will cut the power,send out an alarm, and report the error information once any abnormal situation is detected.

6. Safety test function: Regular testing of system security and safety protection measures is

Possible

7. Real time monitor:

The system will monitor the lid locking, pressure and temperature status on a real time basis to guarantee the safe and successful work of the autoclave.

8. Electrical Protection:

Equipped with a highly sensitive electrical protection system, effectively providing leakage protection, overcurrent and short-circuit protection

Note:FD-SA has liquid mode, but can not preset the exhaust temperature for liquid mode.

MORE INFO BEO1C5 BEO1C6 BEO1C7 BEO1C8

1. Pulse method to completely purge out cold air.
2. Built in a water tank for internal discharging of steam, effectively absorbing water vapor from the exhaust process.

MORE INFO BEO1C9 BEO1C10 BEO1C11

1. Pulse method to completely purge out cold air.
2. Fully automatic drying function or semi-automatic drying function choice
3. Fully automatic drying: Equipped with an air pump and a 0.2um air filter, it automatically starts drying after sterilization. After sterilization, clean air will be put in to replace the wet air inside, so as to improve drying efficiency.
4. Built in a water tank for internal discharging of steam, effectively absorbing water vapor from the exhaust process.

LABORATORY VERTICAL AUTOCLAVE BEO1G1 TO BEO1G8

VERTICAL AUTOCLAVE



Laboratory Vertical Autoclave BEO1G1
Operation board board(LED screen, with flow chart)

SPECIFICATIONS

Model	BE01G1	BE01G2	BE01G3	BE01G4
Old Model	BAVT-601-A	BAVT-602-A	BAVT-603-A	BAVT-604-A
Type	Smart type			
Capacity (L)	29	54	80	100
Dimension (LxWxH, mm)	460x542x940	460x542x1070	620x680x1100	620x680x1200
Chamber (Dia x H)	325x381	325x670	400x709	400x809
Chamber material	SUS304			
Power requirement	220V±10%, 16A, 50/60Hz		220V±10%, 32A, 50/60Hz	
Working environment	5-45°C, RH 10-85%			
Rate power supply (W)	2600		4600	
Sterilization temp.	105-135°C			
Temp. display accuracy	0.1°C			
Sterilization time range	1-999min			
Melting temp.	60-100°C			
Melting time range	1-999min			
Warming temp.	45-60°C			
Warming time range	1-999min			
Storage	up to 60 programs			
Sterilization mode	1.Liquid 2.Liquid with warming 3.Solid 4.Instruments packed with cloth 5.Fabric 6.Rubber 7.Fast 8.Waste 9.Agar melting 10.Self defined			

Exhaust temp. range	DWS: 73-104℃ (Liquid mode)		DWS: 73-127℃ (Solid mode)	
Exhaust mode	Automatic internal discharging with embedded steam collector			
Timer range	0-6 days (Sterilization auto start up appointment)			
Pressure gauge range	-0.1-0.5Mpa			
Pressure	Safety valve set pressure: 2.9bar			
Controller	"Smart II" fast speed microcomputer controller			
Safety device	Self-induction interlocking, lid closing checking, over temp protection, dry scorch protection, over pressure, safety valve, over current, short circuit, electric leakage, scald protection, auto failure inspection			
Baskets (Dia x H)	(300x200)x2	(300x200)x3	(360x280)x2	(360x220)x3
Alt Name	Vertical Autoclave			
Model	BE01G5	BE01G6	BE01G7	BE01G8
Old Model	BAVT-601-B	BAVT-602-B	BAVT-603-B	BAVT-604-B
Type	Economical type			
Capacity (L)	29	54	80	100
Dimension (LxWxH, mm)	460x542x940	460x542x1070	620x680x1100	620x680x1200
Chamber (Dia x H)	325x381	325x670	400x709	400x809
Chamber material	SUS304			
Power requirement	220V±10%, 16A, 50/60Hz		220V±10%, 32A, 50/60Hz	
Working environment	5-45℃, RH 10-85%			
Rate power supply (W)	2600		4600	
Sterilization temp.	105-135℃			
Temp. display accuracy	0.1℃			
Sterilization time range	1-999min			
Melting temp.	60-100℃			
Melting time range	1-999min			
Warming temp.	45-60℃			
Warming time range	1-999min			
Storage	up to 20 programs			
Sterilization mode	1.Solid 2.Agar with warming 3.Self defined			
Exhaust temp. range	DWS: 73-104℃ (Liquid mode)		DWS: 73-127℃ (Solid mode)	
Exhaust mode	Automatic internal discharging with embedded steam collector			
Pressure gauge range	-0.1-0.5Mpa			
Pressure	Safety valve set pressure: 2.9bar			
Controller	"Smart II" fast speed microcomputer controller			
Safety device	Self-induction interlocking, lid closing checking, over temp protection, dry scorch protection, over pressure, safety valve, over current, short circuit, electric leakage, scald protection, auto failure inspection			
Baskets (Dia x H)	(300x200)x2	(300x200)x3	(360x280)x2	(360x220)x3
Alt Name	Vertical Autoclave			



FEATURES BEO1G1 BEO1G2 BEO1G3 BEO1G4

Operation board board(LED screen, with flow chart)



FEATURES BEO1G5 BEO1G6 BEO1G7 BEO1G8

For the look, the only difference is the operation board:

Operation board (LED screen)



LABORATORY VERTICAL AUTOCLAVE BJT1C1 TO BJT1C4

VERTICAL AUTOCLAVE



- Hand wheel translation and quick opening structure
- High quality stainless steel material
- With drying function
- Microcomputer automatic control, arbitrary setting sterilization parameters
- Safety interlocking device
- Digital display and Touch buttons
- Standard test interface
- Self-expanding seal
- With automatic protection function over temperature protection; over pressure self discharge protection ; low water level protection; anti dry burning
- With stainless steel bucket or basket
- Buzzer reminder after sterilization, automatic stop

SPECIFICATIONS

Model	BJT1C1	BJT1C2	BJT1C3	BJT1C4
Old Model	BAVT-3001	BAVT-3002	BAVT-3003	BAVT-3004
Capacity	35 L	50 L	75 L	100 L
Power	3.5 kW		4.5 kW	
Voltage	AC 220V. 50HZ			
Design pressure	0.25 Mpa			
Design temperature	139℃			
Rated working pressure	0.22 Mpa			
Rated working temperature	134℃			
Sterilization temperature setting range	116℃~134℃			
Sterilization time setting range	4 ~ 120 min			
Drying time setting range	0 ~ 240 min			
Chamber volume	Ø 350x400	Ø 350x525	Ø 400x625	Ø 450x650
Bucket dimension	Ø 330x320	Ø 330x460	Ø 380x560	Ø 420x540
Basket dimension	Ø 320x350	Ø 320x240x2	Ø 360x280x2	Ø 410x300x2
Outer dimension	698x498x940	630x500x1180	725x525x1170	788x588x1255
Packing size	790x610x1130	800x600x1230	840x610x1310	870x650x1380
Net weight	110 Kg	112 Kg	114 Kg	129 Kg

Gross Weight	125 Kg	130 Kg	145 Kg	156 Kg
Alt Name	Vertical Steam Sterilizer			

FEATURES

Hand wheel translation and quick opening structure

High quality stainless steel material

With drying function

Microcomputer automatic control, arbitrary setting sterilization parameters

Safety interlocking device

Digital display and Touch buttons

Standard test interface

Self-expanding seal

With automatic protection function over temperature protection; over pressure self discharge protection ; low water level protection; anti dry burning

With stainless steel bucket or basket

Buzzer reminder after sterilization, automatic stop

Automatic discharge of cold air, automatic steam exhaust after sterilization, Internal steam cycle

LABORATORY VERTICAL AUTOCLAVE BEO1E1 TO BEO1E13

VERTICAL AUTOCLAVE



Safety:

1. Nice look

The lid and bench corners are covered with insulation to avoid getting scald

2. Lid closing check

The machine can not start if the lid is not locking well by checking mechanically and electrically.

3. Interlock

Only when the temperature and pressure are safe inside, can the door be opened. If the door is not closed in place, it cannot start working

4. Triple protection for water shortage

The bottom of the sterilization chamber is equipped with three different dry burning protection devices: liquid expansion type, copper temperature sensing type,

SPECIFICATIONS

Model	BE01E1	BE01E2	BE01E3	BE01E4
Old Model		BAVT-302-B	BAVT-303-B	BAVT-304-B
Capacity (L)	29	54	80	100
Dimensions (LxWxH) mm	460x542x976	460x542x1105	620x745x1090	620x745x1200
Chamber dimension (DiaxH) mm	Φ320x378	Φ320x725		Φ400x700
Rated power (W)	2300	2600		4600 (2900 optional)
Basket size (pcs)	(Φ298x260)x1	(Φ298x195)x3		(Φ360x275)x2
Power requirement	220V±10% 16A 50Hz/60Hz			220V±10% 32A 50Hz/60Hz
Sterilization temp. range	105°C-135°C			
Temperature display accuracy	0.1°C			
Working environment	5°C~40°C Relative humidity <85%			
Chamber material	SUS304 stainless steel (316L as option)			
Sterilization time range	1-6000 min			
Melting temp. range	60°C-115°C			

Melting time	1-6000 min	
Warming temp.	45°C-79°C	
Warming time	1-9999 min	
Appointment timer range	Auto start up appointment)0 ~ 15 days	
Controller	"SMART III" microcomputer controller	
Exhaust speed control	Fully automatic internal discharging with 6 levels choice	Fully automatic internal discharging with 6 levels choic
Memory function	60 program saved in system,999 cycles saved by USB	
Cooling way	Fast cooling fan	
Pressure gauge range	-0.1-0.5MPa	
Pressure valve set pressure	0.29Mpa	
Vacuum pump	Pulse: 1-9, Vacuum ≤80kpa, Leak rate ≤0.13kpa	
Safety device	Lid check, dry protection, over-temp/pressure, electric safety, cooling lock	
Alt Name	Standard	

Model	BE01E5	BE01E6	BE01E7
Old Model	BAVT-302-A	BAVT-303-A	BAVT-304-A
Capacity (L)	54	80	100
Dimensions (LxWxH) mm	460x542x1105	620x726x1090	620x730x1200
Chamber dimension (DiaxH) mm	Chamber dimension (DiaxH) mm		Φ 400x700
Rated power (W)	Rated power (W)		4600 (2900 optional)
Basket size (pcs)	(Φ 298x195) x3	(Φ 360x275) x2	(Φ 360x275)x2
Power requirement	220V+10% 16A 50HZ/60HZ	220V+10% 32A 50HZ/60HZ	220V $\pm$ 10% 32A 50Hz/60Hz
Temperature display accuracy	0.1°C		0.1°C
Sterilization temp. range	1~6000 min		
Sterilization time range	105°C~135°C		
Melting temp. range	Melting temp. range		
Working environment	5°C~40°C Relative humidity <85%		
Chamber material	SUS304 stainless steel (316L as option)		
Melting time	1~6000 min		
Warming temp.	45°C~79°C		
Warming time	1~9999 min		
Memory function	60 program saved in system,999 cycles saved by USB		
Appointment timer range	Auto start up appointment)0 ~ 15 days		
Exhaust speed control	Fully automatic internal discharging with 6 levels choice		
Sterilization mode	Liquid,liquid with warming,solid,wrapped instrument,fabric,rubber,fast,waste,agar,self-defined		
Controller	"SMART III" smart microcomputer controller		
Drying	Drying time: 1~300min Drying temp.: 80~160°C		
Cooling way	Fast cooling fan		
Pressure gauge range	Pressure gauge range		
Vacuum pump	Pulse times: 1~ 9 times Vacuum degree: <-80kpa Vacuum leakage rate (per min)<0.13kpa		
Safety device	Lid closing checking,dry scorch protection,,safety valve,water level sensor,over temperature/pressure protection,temperature/pressure monitor, electricity safety(over current/short circuit/leakage),cooling lock,anti-scald lid andbench corner,automatic troubleshooting	Lid closing checking,dry scorch protection,,safety valve,water level sensor,over temperature/pressure protection,Safety device temperature/pressure monitor, electricity safety(over current/short circuit/leakage),cooling lock,anti-scald lid andbench corner,automatic troubleshooting	

Alt Name	Drying		
Model	BE01E11	BE01E12	BE01E13
Capacity (L)	54	80	100
Dimensions (LxWxH) mm	460x785x1105	620x900x1090	620x900x1200
Chamber dimension (DiaxH) mm	Φ320x725	Φ400x700	Φ400x800
Rated power (W)	2300	2600	4600 (2900 as option)
Basket size (pcs)	(Φ298x195)x3	(Φ360x275)x2	(Φ360x215)x3
Power requirement	220V+10% 16A 50HZ/60HZ	220V±10% 32A 50Hz/60Hz	
Temperature display accuracy	0.1℃		
Sterilization temp. range	105℃~135℃		
Sterilization time range	1~6000 min		
Melting temp. range	60℃~115℃		
Melting time	1~6000 min		
Warming temp.	45℃~79℃		
Warming time	1~9999 min		
Controller	“SMART III” smart microcomputer controller		
Memory function	60 program saved in system,999 cycles saved by USB		
Appointment timer range	Auto start up appointment)0 ~ 15 days		
Exhaust speed control	Fully automatic internal discharging with 6 levels choice		
Cooling way	Fast cooling fan		
Drying	Drying time: 1~300min Drying temp.: 80~160℃		
Sterilization mode	Liquid,liquid with warming,solid,wrapped instrument,fabric,rubber,fast,waste,agar,self-defined, Drying, Vacuum leak test, BD test.	Liquid,liquid with warming,solid,wrapped instrument,fabric,rubber,fast,waste,agar,self-defined,Drying, Vacuum leak test, BD test.	
Pressure gauge range	-0.1~0.5MPa		
Vacuum pump	Pulse times: 1~ 9 times Vacuum degree: <-80kpa Vacuum leakage rate (per min)<0.13kpa		
Safety device	Lid closing checking,dry scorch protection,,safety valve,water level sensor,over temperature/pressure protection,Safety device temperature/pressure monitor, electricity safety(over current/short circuit/leakage),cooling lock,anti-scald lid andbench corner,automatic troubleshooting		
Alt Name	Vacuum		



BE01E1 BE01E2 BE01E3 BE01E4



BE01E1 BE01E2 BE01E3 BE01E4
BE01E5 BE01E6 BE01E7



BE01E1 BE01E2 BE01E3 BE01E4
BE01E5 BE01E6 BE01E7



BE01E5 BE01E6 BE01E7



BE01E11 BE01E12 BE01E13

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Micro printer	To print temp. time and FO value Printing set:printer+digital pressure sensor:can print temp.and pressure in data and flowchart way
2	Digital pressure sensor	Printing set:printer+digital pressure sensor:can print temp.and pressure in data and flowchart way
3	Load thermometer	Floating PT100 sensor
4	Tray	
5	Stainless steel bucket	
6	IQ/OQ/PQ (3Q)adapter joint	
7	Adjust foot	



1



2



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4



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7

FEATURES

Safety:

1. Nice look

The lid and bench corners are covered with insulation to avoid getting scald

2. Lid closing check

The machine can not start if the lid is not locking well by checking mechanically and electrically.

3. Interlock

Only when the temperature and pressure are safe inside, can the door be opened. If the door is not closed in place, it cannot start working

4. Triple protection for water shortage

The bottom of the sterilization chamber is equipped with three different dry burning protection devices: liquid expansion type, copper temperature sensing type, and electric ion type (water level sensor), to avoid misjudgment caused by a single method.

5. Double protection for over pressure

Mechanical pressure gauge and electric sensing system, once pressure is abnormal, the system will cut power, release the pressure and send out an alarm.

6. Auto troubleshooting

System will monitor the working status, and will cut the power, send out alarm, and report the error information once any abnormal situation is detected.

7. Safety test function

Regular testing of system security and safety protection measures is possible

8. Temperature monitor

Power cut and alarming sent, if there is temperature is too high or temperature rising is abnormal

9. Electrical protection

Prevention for over current, short circuit and electricity leakage

10. Saturated steam monitoring

The system automatically monitors the purge out of cold air to ensure the pure steam

Intelligent:

1. Calibration port

Offer temp. and pressure interface, together with the 3Q adapter joints, can insert max 15 sensors one time to do the calibration work

2. Saturated steam monitoring

The system automatically monitors the purge out of cold air to ensure the pure steam environment

3. Program memory storage system

Users can set their own program, and save it in the system.

4. Special software for drug packaging materials (option)

The product meets the 2020 Chinese Pharmacopoeia or EP10.2 standards

Humanization:

1. Just right depth

Conforming to ergonomics, the chamber depths of 29/54/80/100L chamber are 378/725/670/780 (mm), making it easy to take and place samples and maintain the instrument.

Advanced:



Colorful LCD screen

LCD screen with English and Chinese choice, using text, data, and graphical methods to dynamically display various statuses, the sterilization process is clear at a glance.



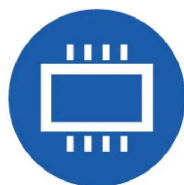
6 level of exhaust speed control

After sterilization, you can choose a different exhaust speed, and you can adjust it freely at any time of exhausting.



Condenser (Option)

Equipped with a professional condenser, the steam generated during the sterilization process is converted into water through the condenser, achieving zero discharge of water vapor/mist.



FO value calculation

FO value 1s automatic calculated, can print out by micro-printer



5 level access permission

The operation permissions for instruments are divided into five levels, with each level of user having an independent password and multiple IDs that can be assigned. Each level of user has limited access to certain usage permissions



Fast cooling fan

To shorten cooling process after sterilization



Auto water fill(Option)

Offer pipe and pump to connect to the direct water supply to achieve automatic water feeding, must be added while production.

[MORE INFO BEO1E2 BEO1E3 BEO1E4](#)

Humanization:

1. Front water tank

Front water tank, easy to plug in and out.

[MORE INFO BEO1E5 BEO1E6 BEO1E7](#)

Drying

Fully automatic drying: Equipped with an air pump and a 0.2um air filter, it automatically starts drying after sterilization. After sterilization, clean air will be put in to replace the wet air inside, so as to improve drying efficiency.

Air inlet filter

Filtration 1s higher than 99.99% 1n particle with diameter of 0.2um

Fully automatic drying

Equipped with an air pump and a 0.2um air filter, it automatically starts drying after sterilization. After sterilization, clean air will be put in to replace the wet air inside, so as to improve drying efficiency.

MORE INFO BEO1E11 BEO1E12 BEO1E13

Vacuum pump

Original imported vacuum pump from Germany, with good vacuum effect

Air inlet filter

Filtration 1s higher than 99.99% 1n particles with diameter of 0.2 µm

Vacuum drying

Set drying temperature and time, and start vacuum drying after sterilization

LABORATORY VERTICAL AUTOCLAVE BJT1B1 TO BJT1B4

VERTICAL AUTOCLAVE



Three times pre-vacuum

High quality stainless steel material

Microcomputer automatic control, arbitrary setting sterilization parameters

Safety interlocking device

LED touch screen display

Standard test interface

Self-expanding seal

With drying function

With stainless steel bucket or basket

With automatic protection function/over temperature protection; over pressure self discharge protection ; low water level protection; anti dry burning.

Automatic water

SPECIFICATIONS

Model	BJT1B1	BJT1B2	BJT1B3	BJT1B4
Old Model	BAVT-2901	BAVT-2902	BAVT-2903	BAVT-2904
Capacity	35 L	50 L	75 L	100 L
Power	3.5 kW		4.5 kW	
Voltage	AC 220V. 50HZ			
Design pressure	0.25 Mpa			
Design temperature	139℃			
Rated working pressure	0.22 Mpa			
Rated working temperature	134℃			
Sterilization temperature setting range	116℃~134℃			
Sterilization time setting range	4 ~ 120 min			
Drying time setting range	0 ~ 240 min			
Chamber volume	Ø 350x400	Ø 400x505	Ø 400x655	Ø 450x650
Bucket dimension	Ø 330x320	Ø 380x430	Ø 380x560	Ø 420x540
Basket dimension	Ø 320x350	Ø 360x280x1	Ø 360x280x2	Ø 410x300x2
Outer dimension	698x498x940	630x500x1180	725x525x1170	760x560x1260
Packing size	790x610x1130	800x600x1230	840x610x1310	870x650x1380

Net weight	115 Kg	118 Kg	124 Kg	132 Kg
Gross Weight	130 Kg	138 Kg	150 Kg	159 Kg
Alt Name	Vertical Steam Sterilizer			

FEATURES

Three times pre-vacuum
 High quality stainless steel material
 Microcomputer automatic control, arbitrary setting sterilization parameters
 Safety interlocking device
 LED touch screen display
 Standard test interface
 Self-expanding seal
 With drying function
 With stainless steel bucket or basket
 With automatic protection function/over temperature protection; over pressure self discharge protection ; low water level protection; anti dry burning.
 Automatic water
 External steam Generator
 Buzzer reminder after sterilization, automatic stop.
 Automatic discharge of cold air, automatic steam exhaust after sterilization
 Internal printer

LABORATORY VERTICAL AUTOCLAVE BEO1D1 TO BEO1D9

VERTICAL AUTOCLAVE



Safety:

1. Humanized design:
The lid and bench corners are covered with insulation to avoid getting scalded.
2. Interlocking device:
The exclusive patented "eight column evenly distributed" interlock device is safer and more reliable than ordinary interlocking devices.
3. Lid closing checking:
The machine cannot start if the lid is not locking well by checking mechanically and electrically.
4. Real time monitor:
The system will monitor the lid locking, pressure, and temperature status on a real-time basis to guarantee the safe and successful operation of the autoclave.

SPECIFICATIONS

Model	BE01D1	BE01D2	BE01D3
Old Model	BAVT-401-C	BAVT-402-C	BAVT-403-C
Capacity(L)	60	85	110
Dimension(L*W*H)(mm)	644x660x980		
Chamber dimension(Dia*H)(mm)	Φ390x505	Φ390x700	Φ390x895
Rated power(W)	2900	4600 (2900 as option)	4600
SUS 304 Basket(Dia*H)(mm)	(Φ 370x190) x2	(Φ 370x280) x2	(Φ 370x500) x3
Power requirement	220V±10% 16A 50HZ/60HZ	220V±10% 32A 50HZ/60HZ	
Temperature display accuracy	0.1℃		
Working environment	5℃~40℃ relative humidity ≤85%		

Chamber material	SUS304 stainless steel	
Sterilization temp. range	105°C~138°C	
Sterilization time range	1~6000 min	
Melting temp. range	60°C~115°C	
Melting time	1~6000 min	
Warming temp	45°C~79°C	
Warming time	1~9999 min	
Drying	Drying time: 1~300 min	Drying time: 80~160°C
Cooling lock OPEN temp. range	40°C~99°C for solid,waste,agar,self-defined	40°C~80°C(note 2)for liquid
Sterilization mode	Liquid,Liquid with warming,solid,Wrapped instrument,Fabric,Rubber,Fast,Waste,Agar,Self-defined	
Program number saved	20 programs	60 programs
Exhaust speed control	Fully automatic internal discharging with 6 levels choice	
Lid open way	Flip open(up and down)	
Water tank	Water tanks to collect steam	
Appointment timer range	(Auto start up appointment) 0 ~ 15 days	
Pressure gauge range	-0.1~0.5MPa	
Pressure valve set pressure	0.29 Mpa	
Controller	"Inspiration" smart microcomputer controller	
Safety Device	Eight column evenly distributed interlock device, electric double interlock,lid closing checking,dry scorch protection,safety valve,water level sensor,over temperature/pressure protection,temperature/pressure monitor, electricity safety(over current/short circuit/leakage),cooling lock,anti-scald lid and bench corner,automatic troubleshooting	
Biosafety function	Option for 0.2um biosafety filter	
Alt Name	Standard	

Model	BE01D4	BE01D5	BE01D6
Old Model	BAVT-401-B	BAVT-402-B	BAVT-403-B
Capacity(L)	60	85	110
Dimension(L*W*H)(mm)	644x831x980		644x831x1180
Chamber dimension(Dia*H)(mm)	Φ390x505	Φ390x700	Φ390x895
Rated power(W)	2900	4600 (2900 as option)	4600
SUS 304 Basket(Dia*H)(mm)	(Φ 370x190) x2	(Φ 370x280) x2	(Φ 370x500) x3
Power requirement	220V±10% 16A 50HZ/60HZ	220V±10% 32A 50HZ/60HZ	
Temperature display accuracy	0.1℃		
Working environment	5℃~40℃ relative humidity ≤85%		
Chamber material	SUS304 stainless steel		
Sterilization temp. range	105℃~138℃		
Sterilization time range	1~6000 min		
Melting temp. range	60℃~115℃		
Melting time	1~6000 min		
Warming temp	45℃~79℃		
Warming time	1~9999 min		
Drying	Drying time: 1~300 min		Drying time: 80~160℃
Cooling lock OPEN temp. range	40℃~99℃ for solid,waste,agar,self-defined	40℃~80℃(note 2)for liquid	
Sterilization mode	Liquid,Liquid with warming,solid,Wrapped instrument,Fabric,Rubber,Fast,Waste,Agar,Self-defined		
Program number saved	60 programs		
Exhaust speed control	Fully automatic internal discharging with 6 levels choice		
Lid open way	Flip open(up and down)		

Water tank	1 water storage tank		
Appointment timer range	(Auto start up appointment) 0 ~ 15 days		
Pressure gauge range	-0.1~0.5MPa		
Pressure valve set pressure	0.29 Mpa		
Controller	“Inspiration” smart microcomputer controller		
Safety Device	Eight column evenly distributed interlock device, electric double inter lock,lid closing checking,dry scorch protection,safety valve,water level sensor,over temperature/pressure protection,temperature/pressure monitor, electricity safety(over current/short circuit/leakage),cooling lock,anti-scald lid and bench corner,automatic troubleshooting		
Biosafety function	Option for 0.2μm biosafety filter		
Alt Name	Auto Water Fill		

Model	BE01D7	BE01D8	BE01D9
Old Model	BAVT-401-A	BAVT-402-A	BAVT-403-A
Capacity(L)	60	85	110
Dimension(L*W*H)(mm)	644x831x980		644x831x1180
Chamber dimension(Dia*H)(mm)	Φ390x505	Φ390x700	Φ390x895
Rated power(W)	2900	4600 (2900 as option)	4600
SUS 304 Basket(Dia*H)(mm)	(Φ 370x190) x2	(Φ 370x280) x2	(Φ 370x500) x3
Power requirement	220V±10% 16A 50HZ/60HZ	220V±10% 32A 50HZ/60HZ	
Temperature display accuracy	0.1℃		
Working environment	5℃~40℃ relative humidity ≤85%		
Chamber material	SUS304 stainless steel		
Sterilization temp. range	105℃~138℃		
Sterilization time range	1~6000 min		
Melting temp. range	60℃~115℃		
Melting time	1~6000 min		
Warming temp	45℃~79℃		
Warming time	1~9999 min		
Drying	Drying time: 1~300 min		Drying time: 80~160℃
Cooling lock OPEN temp. range	40℃~99℃ for solid,waste,agar,self-defined, 40℃~80℃(note)for liquid		
Sterilization mode	Liquid,Liquid with warming,solid,Wrapped instrument,Fabric,Rubber,Fast,Waste,Agar,Self-defined		
Program number saved	60programs	60 programs	
Exhaust speed control	Fully automatic internal discharging with 6 levels choice		
Lid open way	Flip open(up and down)		
Water tank	1 water tank to collect steam + 1 water storage tank		
Appointment timer range	(Auto start up appointment) 0 ~ 15 days		
Pressure gauge range	-0.1~0.5MPa		
Pressure valve set pressure	0.29 Mpa		
Controller	“Inspiration” smart microcomputer controller		
Safety Device	Eight column evenly distributed interlock device, electric double interlock,lid closing checking,dry scorch protection,safety valve,water level sensor,over temperature/pressure protection,temperature/pressure monitor, electricity safety(over current/short circuit/leakage),cooling lock,anti-scald lid and bench corner,automatic troubleshooting		
Biosafety function	Option for 0.2μm biosafety filter	Option for 0.2μmbiosafety filter	Option for 0.2μm biosafety filter
Alt Name	Auto Drying		



ACCESSORIES FOR PURCHASE

No	Name	Description
1	Micro printer	To print temp. time and FO value Printing set:printer+digital pressure sensor:can print temp.and pressure in data and flowchart way
2	Digital pressure sensor	Printing set:printer+digital pressure sensor:can print temp.and pressure in data and flowchart way
3	Load thermometer	Floating PT100 sensor
4	Tray	
5	Stainless steel bucket	
6	IQ/OQ/PQ (3Q)adapter joint	
7	Adjust foot	



1



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FEATURES

Safety:

1. Humanized design:

The lid and bench corners are covered with insulation to avoid getting scalded.

2. Interlocking device:

The exclusive patented "eight column evenly distributed" interlock device is safer and more reliable than ordinary interlocking devices.

3. Lid closing checking:

The machine cannot start if the lid is not locking well by checking mechanically and electrically.

4. Real time monitor:

The system will monitor the lid locking, pressure, and temperature status on a real-time basis to guarantee the safe and successful operation of the autoclave.

5. Cooling lock OPEN temperature:

Each program can set different lid OPEN temperatures, especially for liquid programs, so as to prevent users from opening the lid and causing burns when the articles are still in a high temperature state.

6. Triple protection for lack of water:

The bottom of the sterilization chamber is equipped with three different dry burning protection devices: liquid expansion type, copper temperature sensing type, and electric ion type (water level sensor), to avoid misjudgment caused by a single method.

7. Double protection for over pressure:

Mechanical pressure gauge and electric sensing system-once pressure is abnormal, the system will cut power, release the pressure, and send out an alarm.

8. Auto troubleshooting:

The system will monitor the working status, and will cut the power, send out an alarm, and report the error information once any abnormal situation is detected.

9. Safety test function:

Regular testing of system security and safety protection measures is possible.

10. Electrical protection:

Equipped with a highly sensitive electrical protection system, effectively providing leakage protection.

Characteristics:

1. Smart microcomputer control

"Inspiration"high speed microcomputer control,not only to monitor and control the whole process, but also to update the function in the future.

2. Program Memory storage system

Users can set their own program, and save it in the system.

3. Calibration interface

Offer temp.and pressure interface, together with the 3Q adapter joints, can insert max 15 sensors one time to do the calibration work

4. Saturated steam monitoring

The system automatically monitors the purge out of cold air to ensure the pure steam environment

5. Humanized permission management

The management of the autoclave 1s classified into 3 levels, user-administrator- engineer, to ensure proper usage.

6. Agar program

Can heat up, melt, warm the agar or used as chamber preheating function

7. Waste program

Special waste program to sterilize the waste thoroughly

8. Auto start up appointment

Can make an appointment in 0-15 days

9. Option for all model

Hepa filter (0.2um,efficiency 99.90%) for exhaust+one steam condenser

10. SUS316L Stainless Steel(Optional)

Stronger corrosion, longer service life,and greater pressure resistance

11. LCD/USB/APP/Smart Management System (Optional)

LCD: 5-inch screen displays information in text.

USB: Enables storing and transferring sterilization data.

APP: Remote management app (available only in China).

Smart System: Linked with the LIMIS/SCADA system (only in China).

12. Condenser(Optional)

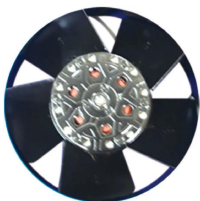
Equipped with a professional condenser, the steam generated during the sterilization process is converted into water through the condenser, achieving zero discharge of water vapor/mist.

13. Biosafety function

Use a 0.2 μm PTFE filter (efficiency 99.90%) packed in a housing to ensure that no biohazard aerosols, microorganisms and viruses are passing out through the filter during exhausting, so as to ensure the biology safety of the lab.

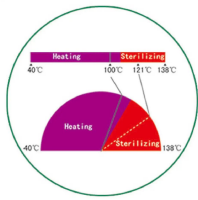
14. Monitor of exhaust filter

Exhaust filter 1s put inside a pressure resistant housing (stainless steel material) with an extra PT100 temperature sensor to monitor the temperature, so as to make sure the filter and housing are also being sterilized thoroughly, and will not lead to secondary biohazard pollution.



Fast cooling fan

Fan to shorten the whole cycle Standard with fast cooling

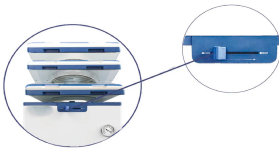


Highest working temp.138°C

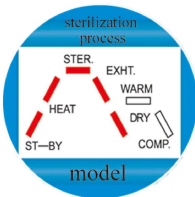


6 levels of exhaust speed control

After sterilization,you can choose different exhaust speed, and you can adjust it freely at any time of exhausting



Up and down flip open ,vertical chamber ; One move by one hand can easily open and close



Preset diverse programs

Flow chart to show the process,press DATA at any time can check the current program setting

MORE INFO BEO1D4 BEO1D5 BEO1D6

1. Auto water fill

Equipped with automatic water feeding function, standard is with 28L water tank at the back to store water, option is direct water supply by pipe connection from water source while manufacturing.

2. LCD/USB/APP/Smart Management System (Optional)

LCD: 5-inch screen displays information in text.

USB: Enables storing and transferring sterilization data.

APP: Remote management app

Smart System: Linked with the LIMIS/SCADA system.

3. Auto Drainage (optional)/Auto Cleaning

Includes a water pump. Drainage can be initiated by pressing a button or set for timed automatic drainage. Automatic cleaning can be scheduled regularly or after each sterilization cycle.

MORE INFO BEO1D7 BEO1D8 BEO1D9

1. Auto water fill

Equipped with automatic water feeding function, standard is with 28L water tank at the back to store water, option is direct water supply by pipe connection from water source while manufacturing.

2. LCD/USB/APP/Smart Management System (Optional)

LCD: 5-inch screen displays information in text.

USB: Enables storing and transferring sterilization data.

APP: Remote management app

Smart System: Linked with the LIMIS/SCADA system.

3. Auto Drainage (optional)/Auto Cleaning

Includes a water pump. Drainage can be initiated by pressing a button or set for timed automatic drainage. Automatic cleaning can be scheduled regularly or after each sterilization cycle.

1. Air Filter

Filtration efficiency is higher than 99.99% for particles with a diameter of 0.2 μm .

2. Fully Automatic Drying

Allows setting of drying temperature and drying time. After sterilization, water is drained automatically, and an inbuilt pump supplies clean air into the chamber through an air filter.

LABORATORY VERTICAL AUTOCLAVE BEO1B1 TO BEO1B21

VERTICAL AUTOCLAVE

We have always prioritized safety since its establishment, adhering to the highest industry standards and providing multiple safety guarantees from design, manufacturing, use, application to service.



Safety:

1. Triple protection for lack of water

The bottom of the sterilization chamber is equipped with three different dry burning protection devices: liquid expansion type, copper temperature sensing type, and electric ion type (water level sensor), to avoid misjudgment caused by a single method.

2. Saturated steam monitoring

The system automatically monitors the purge out of cold air to ensure the pure steam environment

3. Humanized design

The lid and bench corners are covered with insulation to avoid getting scald

4. Auto troubleshooting

SPECIFICATIONS

Model	BEO1B1	BEO1B2	BEO1B3	BEO1B4	BEO1B5
Capacity (L)	29	54	88	120	150
Chamber dimension (Dia*H)(mm)	460x570x925	460x570x1050	565x650x1066	665x790x1040	665x790x1140
Chamber dimension (Dia*H)(mm) Φ	$\Phi 320 \times 394$	$\Phi 320 \times 726$	$\Phi 400 \times 733$	$\Phi 500 \times 658$	$\Phi 500 \times 808$
Rated power (W)	2300	2600	4600		6000
SUS304 Basket Size (pcs)	($\Phi 300 \times 265$)x1	($\Phi 300 \times 205$)x3	($\Phi 370 \times 280$)x2	($\Phi 480 \times 250$)x2	($\Phi 480 \times 205$)x3
Working Environment	1P 220V $\pm 10\%$ 14A 50Hz/60Hz		1P 220V $\pm 10\%$ 25A 50Hz/60Hz	1P 220V $\pm 10\%$	3P 380V 10A
Temperature display accuracy	0.1 $^{\circ}\text{C}$				
Chamber material	SUS304 (opt. SUS316L)				
Sterilization temp. range	105 $^{\circ}\text{C}$ ~138 $^{\circ}\text{C}$				
Lid open way	One button open / Interlock sensor				
Sterilization time	1-6000 min				
Melting temp.	60 $^{\circ}\text{C}$ -115 $^{\circ}\text{C}$				
Melting time	1-6000 min				
Warming temp.	45 $^{\circ}\text{C}$ -79 $^{\circ}\text{C}$				
Warming time	1-9999 min				

Exhaust speed control	Automatic 6-level discharge
Memory function	60 programs, 999 cycles by USB
Appointment timer range	0-15 days
Pressure gauge	-0.1-0.5 MPa
Pressure valve set pressure	0.29 MPa
Cooling lock OPEN temp. range	40°C-99°C (solid) / 40°C-80°C (liquid)
Sterilization mode	Liquid, solid, wrapped instrument, fabric, waste, agar, self-defined
Controller	Inspiration II Smart Controller
Cooling way	Fast cooling fan
Safety device	Interlock, double interlock, lid check, dry scorch protection, safety valve, water sensor, over-temp/pressure protection, electrical safety, cooling lock, anti-scald, auto troubleshooting
Biosafety function	Optional 0.2 µm biosafety filter (S models)
6 level exhaust speed control	Standard
Auto water fill	-
Drying	-
Deodorization	-
Access permission	5 level
Fast cooling fan	Standard
Sterilization record	Standard
USB port	Standard
Micro-printer	Option
Condenser	Option
SUS316L steel	Option
Pharma package testing program	Option
Air inlet filter	-
Display system	LCD
Load thermometer(Floating PT100 sensor)	Option
Printing set(printer+digital pressure sensor)	Option
Auto drainage	Option
APP control/Remote control	Option
Steam collecting way	Internal
Auto cleaning	Option
Alt Name	Standard

Model	BE01B6	BE01B7	BE01B8	BE01B9
Capacity (L)	54	88	120	150
Outer Dimension (Dia*H) mm	460x820x1050	565x950x1066	665x1090x1040	665x1090x1140
Chamber Dimension (Dia*H) mm	Φ320x726	Φ400x733	Φ500x658	Φ500x808
Rated Power (W)	2600	4600		6000
SUS304 Basket Size (pcs)	(Φ300x205)x3	(Φ370x280)x2	(Φ480x250)x2	(Φ480x205)x3
Working Environment	1P 220V±10% 14A 50Hz/60Hz	1P 220V±10% 25A 50Hz/60Hz	1P 220V±10%	3P 380V 10A
Temperature Display Accuracy	0.1°C			
Working Environment 2	5°C~40°C, RH < 85%			
Chamber Material	SUS304 (opt. SUS316L)			
Sterilization Temp Range	105°C~138°C			
Lid open way	One button open / Interlock sensor			

Sterilization time range	1-6000 min
Melting temp.	60°C-115°C
Melting time	1-6000 min
Warming temp.	45°C-79°C
Warming time	1-9999 min
Exhaust speed control	Automatic 6-level discharge
Memory function	60 programs, 999 cycles by USB
Appointment timer	0-15 days
Pressure gauge	-0.1-0.5 MPa
Valve set pressure	0.29 MPa
Cooling lock range	40°C-99°C (solid) / 40°C-80°C (liquid)
Sterilization mode	Liquid, solid, wrapped instrument, fabric, waste, agar, self-defined
Controller	Inspiration II Smart Controller
Cooling way	Fast cooling fan
Safety device	Interlock, double interlock, lid check, dry scorch protection, safety valve, water sensor, over-temp/pressure protection, electrical safety, cooling lock, anti-scald, auto troubleshooting
Biosafety function	Optional 0.2 µm biosafety filter (S models)
Access permission	5 level
Fast cooling fan	Standard
Sterilization record	Standard
USB port	Standard
SUS316L steel	Standard
Pharma package testing program	Standard
Air inlet filter	-
Display system	LCD
Load thermometer(Floating PT100 sensor)	Option
Printing set(printer+digital pressure sensor)	Option
Auto drainage	Option
APP control/Remote control	Option
Steam collecting way	Internal
Auto cleaning	Option
Alt Name	Auto drying

Model	BE01B10	BE01B11	BE01B12	BE01B13
Capacity (L)	54	88	120	150
Outer dimension (Dia*H)(mm)	460x720x1050	565x800x1066	665x940x1040	665x940x1140
Chamber dimension (Dia*H)(mm) Φ	Φ320x726	Φ400x733	Φ500x658	Φ500x808
Rated power (W)	2600	4600		6000
Sus304 basket size(pcs)	(Φ300x205)x3	(Φ370x280)x2	(Φ480x250)x2	(Φ480x205)x3
Working environment	1P 220V±10% 14A 50Hz/60Hz	1P 220V±10% 25A 50Hz/60Hz	1P 220V±10%	3P 380V 10A
Temperature display accuracy	0.1°C			
Environment	5°C~40°C, RH < 85%			
Chamber material	SUS304 (opt. SUS316L)			
Sterilization temp. range	105°C~138°C			
Lid open way	One button open / Interlock sensor			
Sterilization time	1-6000 min			

Melting temp.	60°C-115°C
Melting time	1-6000 min
Warming temp.	45°C-79°C
Warming time	1-9999 min
Exhaust speed control	Automatic 6-level discharge
Memory function	60 programs, 999 cycles by USB
Appointment timer range	0-15 days
Pressure gauge	-0.1-0.5 MPa
Pressure valve set pressure	0.29 MPa
Cooling lock OPEN temp. range	40°C-99°C (solid) / 40°C-80°C (liquid)
Sterilization mode	Liquid, solid, wrapped instrument, fabric, waste, agar, self-defined
Controller	Inspiration II Smart Controller
Cooling way	Fast cooling fan
Safety device	Interlock, double interlock, lid check, dry scorch protection, safety valve, water sensor, over-temp/pressure protection, electrical safety, cooling lock, anti-scald, auto troubleshooting
Biosafety function	Optional 0.2 µm biosafety filter (S models)
6 level exhaust speed control	-
Auto water fill	-
Drying	-
Deodorization	Standard
Access permission	5 level
S Biosafety function	-
Exhaust air monitor	-
Fast cooling fan	Standard 2 pcs
Sterilization record	Standard
USB port	Standard
Micro-printer	Option
Condenser	Standard
SUS316L steel	Option
Pharma package testing program	Option
Air inlet filter	Standard
Display system	LCD
Load thermometer(Floating PT100 sensor)	Option
Printing set(printer+digital pressure sensor)	Option
Auto drainage	Option
APP control/Remote control	Option
Steam collecting way	Internal
Auto cleaning	-
Alt Name	DedORIZATION

Model	BE01B14	BE01B15	BE01B16	BE01B17	BE01B18
Capacity (L)	54	88	120	150	175
Outer Dimension	460x570x1050	565x950x1066	665x1090x1040	665x1090x1140	660x1090x1260
Chamber Dimension	Φ320x726	Φ400x733	Φ500x658	Φ500x808	Φ500x936
Rated Power (W)	2600	4600		6000	
Basket Size	(Φ300x205)x3	(Φ370x280)x2	(Φ480x250)x2	(Φ480x205)x3	(Φ480x250)x3

Working Environment	1P 220V±10% 14A 50Hz/60Hz	1P 220V±10% 25A 50Hz/60Hz	1P 220V±10%	3P 380V 10A
Temperature Display Accuracy	0.1°C			
Working Environment 2	5°C~40°C, RH < 85%			
Chamber Material	SUS304 (opt. SUS316L)			
Sterilization Temp Range	105°C~138°C			
Lid open way	One button open / Interlock sensor			
Sterilization time range	1-6000 min			
Melting temp.	60°C-115°C			
Melting time	1-6000 min			
Warming temp.	45°C-79°C			
Warming time	1-9999 min			
Exhaust speed control	Automatic 6-level discharge			
Memory function	60 programs, 999 cycles by USB			
Appointment timer	0-15 days			
Pressure gauge	-0.1-0.5 MPa			
Valve set pressure	0.29 MPa			
Drying	1-300 min @ 80-160°C			
Cooling lock range	40°C-99°C (solid) / 40°C-80°C (liquid)			
Sterilization mode	Liquid, solid, wrapped instrument, fabric, waste, agar, self-defined			
Controller	Inspiration II Smart Controller			
Cooling way	Fast cooling fan			
Safety device	Interlock, double interlock, lid check, dry scorch protection, safety valve, water sensor, over-temp/pressure protection, electrical safety, cooling lock, anti-scald, auto troubleshooting			
Biosafety function	Optional 0.2 µm biosafety filter (S models)			
6 level exhaust speed control	Standard			
Auto water fill	Standard			
Deodorization	-			
Access permission	5 level			
Fast cooling fan	Standard			
Sterilization record	Standard			
USB port	Standard			
Micro-printer	Option			
Condenser	Option			
SUS316L steel	Option			
Pharma package testing program	Option			
Air inlet filter	Standard			
Display system	LCD			
Load thermometer(Floating PT100 sensor)	Option			
Printing set(printer+digital pressure sensor)	Option			
Auto drainage	Option			
APP control/Remote control	Option			
Steam collecting way	Internal			
Auto cleaning	Option			
Alt Name	Auto drying			

Model	BE01B19	BE01B20	BE01B21
Capacity (L)	175		
Chamber dimension (Dia*H)(mm)	660x794x1260	660x1090x1260	660x940x1260
Chamber dimension (Dia*H)(mm) Φ	Φ500x936		
Rated power (W)	6000		
SUS304 Basket Size (pcs)	(Φ480x250)x3		
Working Environment	3P 380V 10A		
Temperature display accuracy	0.1°C		
Chamber material	SUS304 (opt. SUS316L)		
Sterilization temp. range	105°C~138°C		
Lid open way	One button open / Interlock sensor		
Sterilization time	1-6000 min		
Melting temp.	60°C-115°C		
Melting time	1-6000 min		
Warming temp.	45°C-79°C		
Warming time	1-9999 min		
Exhaust speed control	Automatic 6-level discharge		
Memory function	60 programs, 999 cycles by USB		
Appointment timer range	0-15 days		
Pressure gauge	-0.1-0.5 MPa		
Pressure valve set pressure	0.29 MPa		
Cooling lock OPEN temp. range	40°C-99°C (solid) / 40°C-80°C (liquid)		
Sterilization mode	Liquid, solid, wrapped instrument, fabric, waste, agar, self-defined		
Controller	Inspiration II Smart Controller		
Cooling way	Fast cooling fan		
Safety device	Interlock, double interlock, lid check, dry scorch protection, safety valve, water sensor, over-temp/pressure protection, electrical safety, cooling lock, anti-scald, auto troubleshooting		
Biosafety function	Optional 0.2 μm biosafety filter (S models)		
6 level exhaust speed control	Standard	5 level	-
Auto water fill	-	Standard	-
Drying	-	Standard	-
Deodorization	-	Standard	
Access permission	5 level	Standard	5 level
Fast cooling fan	Standard		-
Sterilization record	Standard	-	
USB port	Standard	LCD	Standard 2 pcs
Micro-printer	Option		Standard
Condenser	Option		Standard
SUS316L steel	Option		
Pharma package testing program	Option		Standard
Air inlet filter	-	Internal	Option
Display system	LCD	Option	
Load thermometer(Floating PT100 sensor)	Option	Standard	
Printing set(printer+digital pressure sensor)	Option	LCD	
Auto drainage	Option	Option	
APP control/Remote control	Option	Option	
Steam collecting way	Internal	Option	

Auto cleaning	Option		Option
Alt Name	Standard	Auto drying	Dedorization



BE01B1 BE01B2 BE01B3 BE01B4
BE01B5 BE01B19



BE01B1 BE01B2 BE01B3 BE01B4
BE01B5 BE01B6 BE01B7 BE01B8
BE01B9 BE01B19 BE01B20



BE01B6 BE01B7 BE01B8 BE01B9
BE01B20



BE01B10 BE01B11 BE01B12
BE01B13 BE01B21



BE01B14 BE01B15 BE01B16
BE01B17 BE01B18

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Micro printer	To print temp. time and FO value Printing set:printer+digital pressure sensor:can print temp.and pressure in data and flowchart way
2	Digital pressure sensor	Printing set:printer+digital pressure sensor:can print temp.and pressure in data and flowchart way
3	Load thermometer	Floating PT100 sensor
4	Tray	
5	Stainless steel bucket	
6	IQ/OQ/PQ (3Q)adapter joint	
7	Adjust foot	



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FEATURES

Safety:

1. Triple protection for lack of water

The bottom of the sterilization chamber is equipped with three different dry burning protection devices: liquid expansion type, copper temperature sensing type, and electric ion type (water level sensor), to avoid misjudgment caused by a single method.

2. Saturated steam monitoring

The system automatically monitors the purge out of cold air to ensure the pure steam environment

3. Humanized design

The lid and bench corners are covered with insulation to avoid getting scald

4. Auto troubleshooting

System will monitor the working status, and will cut the power, send out alarm, and report the error information once any abnormal situation detected

5. Electrical protection

Prevention for overcurrent, short circuit and electricity leakage

6. Cooling LOCK open temperature

Each program can set different lid OPEN temperatures, especially for liquid programs, so as to prevent users from opening the lid and causing burns when the articles are still in a high temperature state.

7. Evenly distributed interlock

Evenly distributed interlock device is safer and more reliable than ordinary interlocking devices

8. Real time monitor

System will monitor the lid locking, pressure and temperature status on a real time basis to guarantee the safe and successful work of the autoclave

9. Double protection for over pressure

Mechanical pressure gauge and electric sensing system, once pressure is abnormal, system will cut power, release the pressure and send out an alarm

10. Safety test function

Regular testing of system security and safety protection measures is possible

11. Temperature monitor

Power cut and alarming sent, if there is temperature is too high or temperature rising is abnormal

12. One button to open

Press slightly to close, one button to open (if not safe inside, can not open)

Note: Requirements for sterilization water: distilled water (conductivity not less than 3 p S/em)

When configured as an S biosafety type, a condenser is standard Spare parts

Note: Baskets can also be customized, as well as melting and warming temperature range

Intelligent:

1. App control (Option)

Download the APP software on your mobile phone, which can monitor the sterilization process in real-time, Query historical data, alarm information, etc.

2. Program memory storage system

Users can set their own program, and save it in the system.

3. Saturated steam monitoring

The system automatically monitors the purge out of cold air to ensure the pure steam environment

4. Calibration port

Offer temperature and pressure interface, together with the 3Q adapter joints, can insert max 15 sensors one time to do the calibration work.

5. Special software for drug packaging materials (option)

The product meets the 2020 Chinese Pharmacopoeia or EP10.2 standards.

Humanization:

1. Just right depth

Conforming to ergonomics, the chamber depths of 29/54/88/120/150L Chamber are 394/726/733/658/819(mm) making it easy to take and place samples and maintain the instrument

2. Front water tank

Front water tank, easy to plug in and out

Advanced:



Colorful LCD screen

LCD screen with English and Chinese choice, using text, data, and graphical methods to dynamically display various statuses, the sterilization process is clear at a glance.



Data reading and curve conversion

Provide USB interface for easy reading or storage of sterilization data. The sterilization data is converted into curves for case data analysis.



6 level of exhaust speed control

After sterilization, you can choose different exhaust speed, and you can adjust it freely at any time of exhausting



Auto drainage/Auto cleaning (option)

Added with a water pump, press the drainage button

to start drainage, or set it to timed automatic drainage. Automatic cleaning can be set to regular cleaning or cleaning after each sterilization cycle.



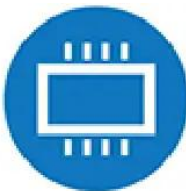
5 level access permission

The operation permissions for instruments are divided into five levels, with each level of user having an independent password and multiple IDs that can be assigned. Each level of user has limited access to certain usage permissions



Sterilization record storage

Built in large capacity memory, can store 999 sterilization cycles and can be queried, printed or exported for easy traceability management



FO value calculation

FO value is automatic calculated, can print out by micro-printer



Condenser(Optional)

Equipped with a professional condenser, the steam generated during the sterilization process is converted into water through the condenser, achieving zero discharge of water vapor/mist.



Slightly press the lid



Interlock sensor



One button to open



Slightly lift up

MORE INFO BEO1B6 BEO1B7 BEO1B8 BEO1B9 BEO1B20

Auto water fill

Equipped with automatic water feeding function, standard is with 28L water tank at the back to store water, option is direct water supply by pipe connection from water source while manufacturing.

MORE INFO BEO1B10 BEO1B11 BEO1B12 BEO1B13 BEO1B21

Air inlet filter

Filtration is higher than 99.99% in particles with a diameter of 0.2 μm .

DedORIZATION

A unique odor treatment system that can absorb odors and remove smell generated during the sterilization process, ensuring fresh laboratory air.

MORE INFO BEO1B14 BEO1B15 BEO1B16 BEO1B17 BEO1B18

Auto water fill

Equipped with automatic water feeding function, standard is with 28L water tank at the back to store water, option is direct water supply by pipe connection from water source while manufacturing.

Air inlet filter

Filtration is higher than 99.99% in particles with a diameter of 0.2 μm .

Drying

Fully automatic drying: Equipped with an air pump and a 0.2 μm air filter, it automatically starts drying after sterilization. After sterilization, clean air will be put in to replace the wet air inside, so as to improve drying efficiency.

LABORATORY VERTICAL AUTOCLAVE BFH1E1 TO BFH1E9

HIGH-PRESSURE STEAM AUTOCLAVE



Safety interlocking devices:

The 'Eight-Column Equal Distribution' safety interlocking device complies with the Pressure Vessel Safety Technical Supervision Regulations, ensuring safe operation.

Chamber lid inspection system:

The system automatically checks the locking status of the chamber lid. If the lid is not properly locked, the sterilizer cannot start operating.

Over-pressure relief and alarm function:

When the pressure exceeds 0.3 MPa, the safety valve automatically releases steam to protect the equipment. The drainage valve allows the discharge of condensate from the chamber, preventing scale buildup.

Low water level alarm:

SPECIFICATIONS

Model	BFH1E1	BFH1E2	BFH1E3
Capacity (L)	65		
Dimensions (Lx WxH)mm	664x660x994.5		
Sterilization Chamber Dimensions(Diameter x Height)mm	Φ400x530		
Rated Power (W)	2800		
Stainless Steel Baskets	Φ370x200x2		
Working Voltage	AC 220±10% 50Hz		
Temperature Display Accuracy	0.1℃		
Operating Environment	5℃-40℃, relative humidity10%~85%		
Sterilization Chamber Material	stainless steel		
Sterilization Working Temperature	105℃~143℃		
Sterilization Time Pre-set Range	1Min~9999mins		
Melting Temperature Pre-set Range	60℃~100℃		
Melting Time Pre-set Range	1Min~9999mins		
Insulation Temperature Pre-set Range	45℃~60℃		
Insulation Time Pre-set Range	1Min~9999mins		
Door Opening Temperature Pre-set Range	The solid, agar, and waste modes are from 40℃ to 99℃, while the liquid mode is from 40℃ to 80℃		
Clock Function Timer Pre-set Range	The operating time can be set (year, month, day, hour, minute), and it allows querying of the current time, total sterilization cycles, as well as fault occurrence times and error codes.		
Pressure Gauge Display Range	0~0.6Mpa		
Pressure	The chamber design pressure is 0.35 MPa. Each unit comes with a corresponding product quality certificate and an original certificate issued by the special equipment manufacturing supervision and inspection department.		
Pressure Safety Protection	Two independent pipelines for measurement and control, with dual mechanical and electronic pressure protection.		
Exhaust Control and Water Tank	Fully automatic internal exhaust (exhaust temperature settings are detailed in the manual), with a built-in large-capacity steam condensate collection bottle and water tank.		
Cover Opening Method and Interlocking Device	Unique eight-column interlocking device, flip-style switch cover, touch-type handle.		
Controller and Memory Storage Function	Uses a microcomputer intelligent control system. It has 6 default operating modes, 82 customizable modes, and 88 memory storage programs.		
Safety Devices	Door lock interlock device; cover closure check; dry burn protection; water level sensor monitoring; electronic overpressure protection; mechanical safety valve; overtemperature and heating protection; overcurrent, short circuit protection; leakage protection; cooling lock; burn injury safety protection; automatic fault detection system.		
Accessories	Condensate collection bottle, water separation plate, drainage hose, stainless steel basket.		
Optional Accessories	Printer, cooling fan, item temperature sensor, USB output.		
Alt Name	Standard Type	Auto Water Replenishment Type	Auto drying Type
Model	BFH1E4	BFH1E5	BFH1E6
Capacity (L)	90		
Dimensions (Lx WxH)mm	664x660x994.5		
Sterilization Chamber Dimensions(Diameter x Height)mm	Φ400x730		

Rated Power (W)	3400		
Stainless Steel Baskets	Φ370x200&Φ370x400		
Working Voltage	AC 220±10% 50Hz		
Temperature Display Accuracy	0.1℃		
Operating Environment	5℃-40℃, relative humidity10%~85%		
Sterilization Chamber Material	stainless steel		
Sterilization Working Temperature	105℃~143℃		
Sterilization Time Pre-set Range	1Min~9999mins		
Melting Temperature Pre-set Range	60℃~100℃		
Melting Time Pre-set Range	1Min~9999mins		
Insulation Temperature Pre-set Range	45℃~60℃		
Insulation Time Pre-set Range	1Min~9999mins		
Door Opening Temperature Pre-set Range	The solid, agar, and waste modes are from 40℃ to 99℃, while the liquid mode is from 40℃ to 80℃		
Clock Function Timer Pre-set Range	The operating time can be set (year, month, day, hour, minute), and it allows querying of the current time, total sterilization cycles, as well as fault occurrence times and error codes.		
Pressure Gauge Display Range	0~0.6Mpa		
Pressure	The chamber design pressure is 0.35 MPa. Each unit comes with a corresponding product quality certificate and an original certificate issued by the special equipment manufacturing supervision and inspection department.		
Pressure Safety Protection	Two independent pipelines for measurement and control, with dual mechanical and electronic pressure protection.		
Exhaust Control and Water Tank	Fully automatic internal exhaust (exhaust temperature settings are detailed in the manual), with a built-in large-capacity steam condensate collection bottle and water tank.		
Cover Opening Method and Interlocking Device	Unique eight-column interlocking device, flip-style switch cover, touch-type handle.		
Controller and Memory Storage Function	Uses a microcomputer intelligent control system. It has 6 default operating modes, 82 customizable modes, and 88 memory storage programs.		
Safety Devices	Door lock interlock device; cover closure check; dry burn protection; water level sensor monitoring; electronic overpressure protection; mechanical safety valve; overtemperature and heating protection; overcurrent, short circuit protection; leakage protection; cooling lock; burn injury safety protection; automatic fault detection system.		
Accessories	Condensate collection bottle, water separation plate, drainage hose, stainless steel basket.		
Optional Accessories	Printer, cooling fan, item temperature sensor, USB output.		
Alt Name	Standard Type	Auto Water Replenishment Type	Auto drying Type
Model	BFH1E7	BFH1E8	BFH1E9
Capacity (L)	115		
Dimensions (Lx WxH)mm	664x660x1200		
Sterilization Chamber Dimensions(Diameter x Height)mm	Φ400x920		
Rated Power (W)	4500		
Stainless Steel Baskets	Φ370x400x2		
Working Voltage	AC 220±10% 50Hz		
Temperature Display Accuracy	0.1℃		
Operating Environment	5℃-40℃, relative humidity10%~85%		
Sterilization Chamber Material	stainless steel		
Sterilization Working Temperature	105℃~143℃		

Sterilization Time Pre-set Range	1Min~9999mins		
Melting Temperature Pre-set Range	60°C~100°C		
Melting Time Pre-set Range	1Min~9999mins		
Insulation Temperature Pre-set Range	45°C~60°C		
Insulation Time Pre-set Range	1Min~9999mins		
Door Opening Temperature Pre-set Range	The solid, agar, and waste modes are from 40°C to 99°C, while the liquid mode is from 40°C to 80°C		
Clock Function Timer Pre-set Range	The operating time can be set (year, month, day, hour, minute), and it allows querying of the current time, total sterilization cycles, as well as fault occurrence times and error codes.		
Pressure Gauge Display Range	0~0.6Mpa		
Pressure	The chamber design pressure is 0.35 MPa. Each unit comes with a corresponding product quality certificate and an original certificate issued by the special equipment manufacturing supervision and inspection department.		
Pressure Safety Protection	Two independent pipelines for measurement and control, with dual mechanical and electronic pressure protection.		
Exhaust Control and Water Tank	Fully automatic internal exhaust (exhaust temperature settings are detailed in the manual), with a built-in large-capacity steam condensate collection bottle and water tank.		
Cover Opening Method and Interlocking Device	Unique eight-column interlocking device, flip-style switch cover, touch-type handle.		
Controller and Memory Storage Function	Uses a microcomputer intelligent control system. It has 6 default operating modes, 82 customizable modes, and 88 memory storage programs.		
Safety Devices	Door lock interlock device; cover closure check; dry burn protection; water level sensor monitoring; electronic overpressure protection; mechanical safety valve; over temperature and heating protection; overcurrent, short circuit protection; leakage protection; cooling lock; burn injury safety protection; automatic fault detection system.		
Accessories	Condensate collection bottle, water separation plate, drainage hose, stainless steel basket.		
Optional Accessories	Printer, cooling fan, item temperature sensor, USB output.		
Alt Name	Standard Type	Auto Water Replenishment Type	Auto drying Type



ACCESSORIES FOR PURCHASE

No	Name	Description
1	Needle Printer	Capable of printing temperature, time, FO value, and other data.
2	Sample Temperature Probe	Mobile temperature probe to detect temperatures at different parts of the cavity.
3	3Q Validation Adapter	Provides temperature and pressure testing interfaces for easy verification.



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FEATURES

Safety interlocking devices:

The 'Eight-Column Equal Distribution' safety interlocking device complies with the Pressure Vessel Safety Technical Supervision Regulations, ensuring safe operation.

Chamber lid inspection system:

The system automatically checks the locking status of the chamber lid. If the lid is not properly locked, the sterilizer cannot start operating.

Over-pressure relief and alarm function:

When the pressure exceeds 0.3 MPa, the safety valve automatically releases steam to protect the equipment. The drainage valve allows the discharge of condensate from the chamber, preventing scale buildup.

Low water level alarm:

Automatic water cutoff to prevent dry burning, ensuring safe operation of the equipment.

Safe operation:

Equipped with a door safety system (cooling lock) and chamber pressure monitoring system, ensuring that the chamber pressure and temperature are at safe levels before opening the door.

Automatic fault direct system:

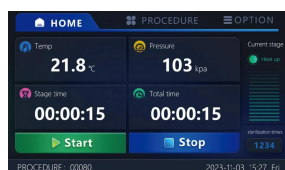
When a fault occurs, an alarm box pops up on the screen, accompanied by a buzzer alert.

Over-temperature and heating protection:

With PID control function, the system automatically adjusts heating parameters to prevent temperature surges. If the temperature exceeds the set value by 3°C heating will automatically stop, and a buzzer alarm will be triggered.

Electrical protection:

Equipped with a high-sensitivity electrical protection system, effectively providing protection against electric alarm leakage, overcurrent, and short circuits.



Easy operation:

One-touch operation simplifies the process, reducing complexity and enhancing user convenience.

Intelligent Control:

PLC control is used for managing the heating and timing processes in the sterilization program. The industrial HMI interface, combined with a high-definition LCD touchscreen, dynamically displays the equipment's operating status.

Scheduled start function:

The sterilizer can be set to start at a specific time, allowing for automatic activation according to the preset schedule.

Data recording and transition:

The device can connect to a USB drive or an optional printer to transmit and store sterilization process records in real-time, making it easy to record and trace data.

Drying function:

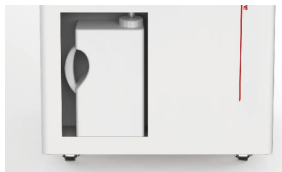
After sterilization, the system can automatically perform a drying process, making it quick and convenient (available only for models with automatic drying).

Built-in sterilization programs:

Pre-set programs effectively target solid sterilization, liquid sterilization, insulation, agar melting and insulation, and waste sterilization. It also features a customizable mode, allowing users to set sterilization parameters according to their specific needs.

Wastewater collection:

The built-in wastewater collection tank facilitates wastewater treatment.



Flexible exhaust methods:



After sterilization is complete, you can choose from ten different exhaust speeds to accelerate the cooling process, prevent overheating, and ensure true internal exhaust without pollution.

Superior Material Quality:



The pot body and shell are made of high-quality stainless steel SUS304 material, which is characterized by acid resistance, alkali resistance, and corrosion resistance.

Verifiable:



Provides temperature and pressure testing interfaces for easy verification. Conducts 1Q/0Q/PQ and other validations.

Good Sealing Performance:



The radial self-expanding silicone rubber sealing ring automatically vents cold air, ensuring the sterilization effect.



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