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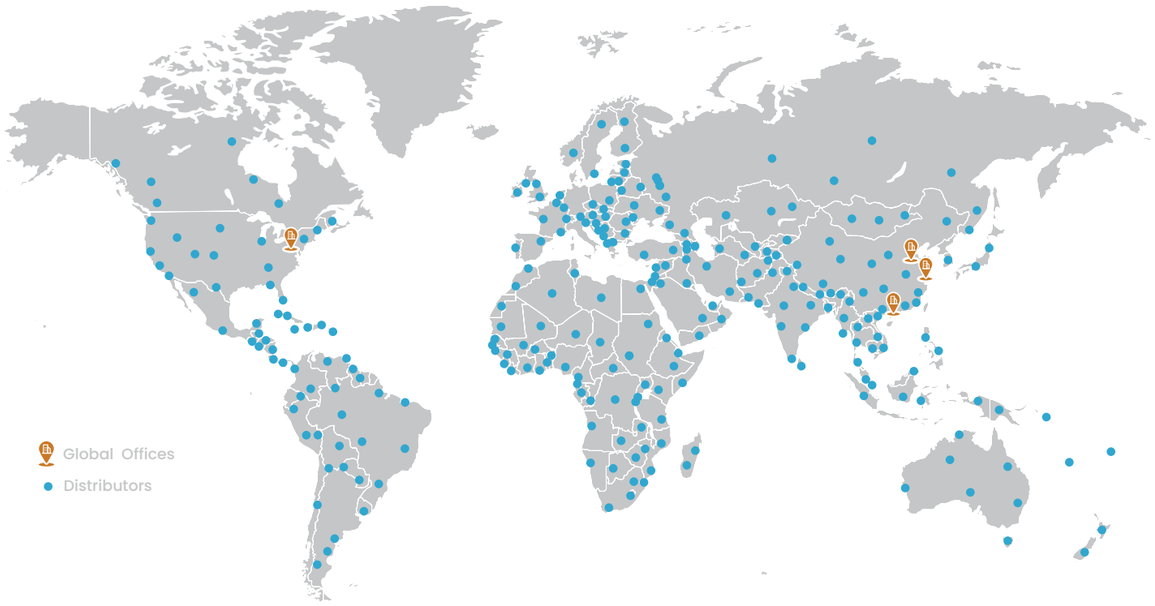

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Infitek

Disinfection & Sterilization Solution

Laboratory and Medical equipment one-stop solution provider

INFITEK CO., LTD.

• V.26

Infitek

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INTRODUCTION









As a manufacturer of professional scientific instruments, Infitek has 18 factories, with products and services range from life sciences, chemical analysis, optical analysis, water quality testing and environmental monitoring, etc.

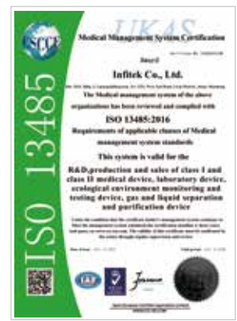
Infitek has established R&D centers in Shenzhen, Beijing, Shanghai and Jinan, and has developed collaboration with established in-depth cooperation with hundreds of well-known universities and scientific research institutions at home and abroad.

CERTIFICATE

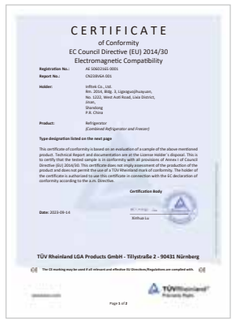
















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ISO9001
ISO13485
ISO45001

Infitek continues to improve its core competitiveness, and numerous products have been US FDA-listed and obtained CE certificates. In addition, the company has achieved ISO9001, ISO13485, and ISO45001 certifications. The company will continue to be committed to providing innovative scientific instruments and solutions to global scientific research institutions, laboratories and industrial enterprises, and building a comprehensive service platform for scientific instruments and medical devices integrating R&D, production, sales and service.

Infitek

Founded in 2010, Infitek is headquartered in Shenzhen, China. Infitek is committed to providing customers with high-quality products and services, contributing to the continuous improvement of the quality of life, the simplicity& efficiency of scientific experiments, and the sustainable development of the world.

Infitek will continue to increase investment in scientific researches, deepen cooperation with business partners, provide customers with better products and services, meet the needs of global customers, and realize one-stop service. With unremitting efforts and innovative spirit, Infitek is heading to accomplish the mission of ranking in top 10 global scientific service platforms, and creating unlimited possibilities for the sustainable development of the world.

Class B Autoclave

STB-APV35DV STB-APV50DV

CE

Description

It is safe, reliable and automatically controlled, suitable for medical, pharmaceutical, scientific research and other units. It can provide rapid sterilization for surgical, dental, ophthalmic instruments, glassware, medicines, culture media, fabric dressings, foods and other items that can withstand saturated steam.



Specifications

Model	STB-APV35DV	STB-APV50DV
Volume	35L(φ300*500mm)	50L(φ340*550mm)
Design Pressure	0.3MPa	
Design Temperature	150℃	
Max.Working Pressure	0.25MPa	
Max.Working Temperature	138℃	
Temperature Range	105~134℃	
Timing Range	0~99min	
Temperature Uniformity	≤±1℃	
Electricity	AC220V/50Hz, 2.7kW	
External Dimension	550*850*500mm	600*850*560mm
N.W./G.W.	97kg/103kg	110kg/135kg
Package Dimension	690*860*700mm	900*690*750mm

Features

- European Class B standard, with three-times pulse pre-vacuum and post-vacuum drying functions, the residual humidity of the instrument is less than 0.2%.
- LCD display working status, touch buttons.
- The vacuum degree can reach -0.8bar, which is suitable for the disinfection and sterilization of all kinds of packaged, unpackaged, solid, class A hollow, porous and internal pipelines; Ensure efficient removal of air inside hollow instruments (such as high-speed dental drill handpieces), so that high-temperature steam can fully reach every corner.
- Full computer control, modular and simple operation interface.
- Equipped with BOWIE&DICK test for the detection of steam penetration.
- Equipped with vacuum test to ensure vacuum performance at any time.
- Fast and independent steam generator.
- Built-in micro printer to record sterilization data in detail.
- Equipped with safety valve, manual safety door lock, pressure locking system, fault self-checking, and automatic protection against over-temperature and over-pressure.
- It can inactivate HIV, HBV, mad cow virus and Bacillus.
- The program cannot be started without closing the sealed door; Once the program starts and runs, the sealed door is locked and cannot be opened, ensuring safe operation.







Class B Autoclave

STB-B18B STB-B23B



Features

- Quality stainless steel inner tank, sealed cover
- Microcomputer control
- Safety interlocking device
- With BD test, HELIX test, VACUUM test.
- LCD display and touch buttons.
- With standard test interface
- Open-type top water tank
- European CLASS B standard
- With automatic protection function: over temperature protection, over pressure protection, low water
- Eevel protection, anti dry burning, and safety door lock.
- Three times pre-vacuum
- Buzzer reminder after sterilization, automatic stop.
- Automatic discharge of cold air, automatic steam exhaust after sterilization.
- Built-in steam generator to provide saturated steam quickly
- Built-in printer(STB-B18B and STB-B23B)

Specifications

Model	STB-B18B	STB-B23B
Volume	18L	23L
Power	2.2kW	2.2kW
Voltage	AC220/110V,50/60Hz	
Design pressure	0.25MPa	
Design temperature	139℃	
Rated working pressure	0.22MPa	
Rated working temperature	134℃	
Sterilization temperature	116-134℃	
Sterilization time setting range	4-120min	
Drying time setting range	0-240min	
Chamber volume	Ø250*360	Ø250*450
Outer dimension	475*600*445	475*680*445
Package Dimension(W*D*H)(mm)	710*560*510	750*560*510
G.W. (kg)	60	63

Class B Autoclave

STB-B18Z STB-B23Z STB-B45Z



Features

- Automatic door switch
- Quality stainless steel inner tank, sealed cover
- Microcomputer control
- Safety interlocking device
- With BD test,HELIX test, Vacuum test.
- LED display and inductive operation
- Equipped with standard test interface
- European CLASS B standard.
- With automatic protection function: over temperature protection, over pressure protection, low water level protection, anti dry burning, safety door lock.
- Three times per-vacuum
- Buzzer reminder after sterilization, automatic stop.
- Automatic discharge of cold air, automatic steam exhaust after sterilization.
- Built-in steam generator to provide saturated steam quickly
- Built-in printer

Specifications

Model	STB-B18Z	STB-B23Z	STB-B45Z
Volume	18L	23L	45L
Power	2.2 kW	2.2 kW	3.5 kW
Voltage	AC220/110V,50/60Hz		
Design pressure	0.25MPa		
Design temperature	139℃		
Rated working pressure	0.22MPa		
Rated working temperature	134℃		
Sterilization temperature	116-134℃		
Sterilization time setting range	4-120min		
Drying time setting range	0-240min		
Chamber volume	Ø250×360	Ø250×450	Ø320×615
Outer dimension	505×710×450	505×710×450	660×850×570
Package Dimension(W*D*H)(mm)	790*590*520	790*590*520	770*980*720
G.W. (kg)	65	70	127

Class N Autoclave

STB-N16J STB-N24J



Description

It is safe, reliable and automatically controlled, suitable for medical, pharmaceutical, scientific research and other units. It can provide rapid sterilization for surgical, dental, ophthalmic instruments, glassware, medicines, culture media, fabric dressings, foods and other items that can withstand saturated steam.







Features

- Sterilization process: Automatic control, no need for supervision, convenient to use.
- Maximum temperature: 134°C sterilization process, suitable for 4-6 minutes of rapid sterilization.
- Safe protection of water lacking.
- Equipped with automatic protection devices for over-temperature and over-pressure.
- After sterilization, it will automatically cut the power and then alarm.
- Fully stainless steel structure.

Specifications

Model	STB-N16J	STB-N24J
Volume	16L(φ250*360mm)	24L(φ270*410mm)
Design Pressure	0.3MPa	
Design Temperature	150℃	
Max.Working Pressure	0.25MPa	
Max.Working Temperature	138℃	
Temperature Range	105~134℃	
Timing Range	0~60min	
Temperature Uniformity	≤±1℃	
Electricity	AC220V/50Hz, 1.5kW	
Sterilization Tray	340*200*30mm(3pcs.)	
External Dimension	545*328*423mm	560*350*500mm
N.W./G.W.	15kg/17kg	18kg/20kg
Package Dimension	620*410*570mm	620*410*570mm

Class N Autoclave

STB-N35D STB-N50D

Description

It is safe, reliable and automatically controlled, suitable for medical, pharmaceutical, scientific research and other units. It can provide rapid sterilization for surgical, dental, ophthalmic instruments, glassware, medicines, culture media, fabric dressings, foods and other items that can withstand saturated steam.



Specifications

Model	STB-N35D	STB-N50D
Volume	35L(φ300*500mm)	50L(φ340*550mm)
Design Pressure	0.3MPa	
Design Temperature	150℃	
Max.Working Pressure	0.25MPa	
Max.Working Temperature	138℃	
Temperature Range	105~134℃	
Timing Range	0~99min	
Temperature Uniformity	≤±1℃	
Electricity	AC 220V/50Hz, 2.7kW	
Sterilization Tray	400*200*30(4pcs.)	500*250*30(4pcs.)
External Dimension	730*550*510mm	770*600*540mm
N.W./G.W.	78kg/92kg	89kg/105kg
Package Dimension	780*670*650mm	840*710*690mm

Features

- Quick sterilization in 4-6 minutes.
- Microcomputer displays working status and touch buttons.
- With 3 fixed cycles of sterilizing program and adjustable for user.
- The whole process of adding water, heating, sterilizing, exhausting steam and drying is automatically controlled.
- Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
- Safe protection of water lacking.
- Automatic discharge of cold air.
- Door safety interlock device.
- Equipped with four-layer stainless steel sterilization tray.
- The sterilization chamber is made of high-quality stainless steel.
- Automatically shut down with beep reminding after sterilization.
- With drying function.
- The program cannot be started without closing the sealed door; Once the program starts and runs, the sealed door is locked and cannot be opened, ensuring safe operation.





Class N Autoclave

STB-N18A STB-N23A



Features

- Quality stainless steel inner tank, sealed cover
- The microcomputer controls the automatic cycle, 121℃ and 134 ℃ can be set
- Touch buttons
- Equipped with standard test interface
- European CLASS N standard.
- With automatic protection function: over temperature protection, over pressure protection, low water level protection, anti dry burning
- The unique three-time temperature rise and fall program achieves higher steam saturation and significantly improves the sterilization effect.
- Buzzer reminder after sterilization, automatic stop.
- Automatic discharge of cold air, automatic steam exhaust after sterilization.
- Built-in steam generator to provide saturated steam quickly

Specifications

Model	STB-N18A	STB-N23A
Volume	18L	23L
Power	1.5kW	2kW
Voltage	AC220/110V,50/60Hz	
Design pressure	0.25MPa	
Design temperature	139℃	
Rated working pressure	0.22MPa	
Rated working temperature	134℃/121℃	
Chamber volume(mm)	Ø250*360	Ø250*450
Outer dimension(mm)	510*385*355	610*385*355
Package Dimension(W*D*H) (mm)	590*470*410	690*470*410
N.W. / G.W. (kg)	24/29	27/32

Class N Autoclave

STV-A35II STV-A50II STV-A75II STV-A100II



- *Optional external printer
- *Optional automatic water inlet function

Features

- Hand wheel translation and quick opening structure
- Internal steam cycle
- High quality stainless steel material
- Multi-functional automatic internal cycle with drying
- 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
- The unique three-time temperature rise and fall program achieves higher steam saturation and significantly improves the sterilization effect.
- Buzzer reminder after sterilization, automatic stop.
- Automatic discharge of cold air, automatic steam exhaust after sterilization.

Specifications

Model	STV-A35II	STV-A50II	STV-A75II	STV-A100II
Volume	35L	50L	75L	100L
Power	3.5kW	3.5kW	4.5kW	4.5kW
Voltage	AC 220/110V,50/60Hz			
Design pressure	0.25MPa			
Design temperature	139℃			
Rated working pressure	0.22MPa			
Rated working temperature	134℃			
Sterilization temperature	116℃~134℃			
Sterilization time setting range	4~120 min			
Drying time setting range	0~240min			
Chamber volume(mm)	Ø300*450	Ø350*515	Ø400*585	Ø450*615
Bucket dimension(mm)	Ø275*395	Ø325*235*2	Ø375*265*2	Ø425*275*2
Basket dimension(mm)(optional)	Ø270*380	Ø320*220*2	Ø370*250*2	Ø420*265*2
Outer dimension(mm)	610*430*1030	675*500*1100	716*540*1165	748*545*1255
Package Dimension(W*D*H)(mm)	670*520*1160	740*590*1230	790*610*1310	820*650*1380
N.W. / G.W. (kg)	74/90	97/125	114/145	129/161

Class N Autoclave

STV-30I STV-50I STV-75I STV-100I STV-120II STV-150II



STV-30I



STV-50I
STV-75I
STV-100I
STV-120II
STV-150II

Features

- Bolt Digital Displayed Automatic Type
- High quality stainless steel material
- Microcomputer automatic control, arbitrary set of sterilization parameters
- Digital display and touch buttons
- Standard test interface
- Self-expanding seal
- 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
- The unique three-time temperature rise and fall program achieves higher steam saturation and significantly improves the sterilization effect.
- Buzzer reminder after sterilization, automatic stop.
- Automatic cooling air，sterilization end automatic exhaust steam

Specifications

Model	STV-30I	STV-50I	STV-75I
Volume	35L	50L	75L
Power	2.5kW	3.5kW	4.5kW
Voltage	AC 220/110V,50/60Hz		
Design pressure	0.25MPa		
Design temperature	139℃		
Rated working pressure	0.22MPa		
Rated working temperature	134℃		
Sterilization temperature	116℃~134℃		
Sterilization time setting range	4~120 min		
Chamber volume(mm)	Ø300*450	Ø350*515	Ø400*585
Bucket dimension(mm)	Ø275*395	Ø325*235*2	Ø375*265*2
Basket dimension(mm) (optional)	Ø270*380	Ø320*220*2	Ø370*250*2
Outer dimension(mm)	436*473*850	544*536*985	586*572*1072
Package Dimension (W*D*H)(mm)	500*550*900	630*580*1200	680*630*1190
N.W. / G.W. (kg)	41/58	53/75	61/84

Model	STV-100I	STV-120II	STV-150II
Volume	100L	120L	150L
Power	4.5kW	4.5kW	6.0KW
Voltage	AC 220/110V,50/60Hz		
Design pressure	0.25MPa		
Design temperature	139℃		
Rated working pressure	0.22MPa		
Rated working temperature	134℃		
Sterilization temperature	116℃~134℃		
Sterilization time setting range	4~120 min		
Chamber volume(mm)	Ø450*615	Ø450*720	Ø500*747
Bucket dimension(mm)	Ø425*275*2	Ø425*315*2	Ø425*365*2
Basket dimension(mm)(optional)	Ø420*265*2	Ø420*310*2	Ø470*340*2
Outer dimension(mm)	617*627*1135	617*627*1205	660*676*1255
Package Dimension (W*D*H)(mm)	650*690*1230	650*690*1330	700*750*1370
N.W. / G.W. (kg)	78/104	79/105	90/122

Class N Autoclave

STV-35III STV-50III STV-75III STV-100III



- Optional automatic water inlet function
- Optional external printer

Features

- Hand wheel translation and quick opening structure
- Multi-function automatic with drying
- 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 protection; low water level protection; anti dry burning.
- With stainless steel bucket or basket
- The unique three-time temperature rise and fall program achieves higher steam saturation and significantly improves the sterilization effect.
- Buzzer reminder after sterilization, automatic stop.
- Automatic discharge of cold air，automatic steam exhaust after sterilization.

Specifications

Model	STV-35III	STV-50III	STV-75III	STV-100III
Volume	35L	50L	75L	100L
Power	2.5kW	3.5kW	4.5kW	4.5kW
Voltage	AC 220/110V,50/60Hz			
Design pressure	0.25MPa			
Design temperature	139℃			
Rated working pressure	0.22MPa			
Rated working temperature	134℃			
Sterilization temperature	116℃~134℃			
Temperature Accuracy	±2℃			
Sterilization time setting range	4~120 min			
Drying time setting range	0-240 min			
Chamber volume(mm)	Ø300*450	Ø350*515	Ø400*585	Ø450*615
Bucket dimension(mm)	Ø275*395	Ø325*235*2	Ø375*265*2	Ø425*275*2
Basket dimension(mm)(optional)	Ø270*380	Ø320*220*2	Ø370*250*2	Ø420*265*2
Outer dimension(mm)	476*473*990	544*536*1100	586*576*1210	620*610*1275
Package Dimension(W*D*H)(mm)	520*560*1120	580*630*1230	670*620*1350	690*650*1410
N.W. / G.W. (kg)	65/77	82/105	92/117	113/144

Class N Autoclave

STV-A35I STV-A50I STV-A75I STV-A100I



- *Optional automatic water inlet function

Features

- Hand wheel translation and quick opening structure,digital displayed automatic type
- 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
- The unique three-time temperature rise and fall program achieves higher steam saturation and significantly improves the sterilization effect.
- Buzzer reminder after sterilization, automatic stop.
- Automatic discharge of cold air,automatic steam exhaust after sterilization.

Specifications

Model	STV-A35I	STV-A50I	STV-A75I	STV-A100I
Volume	35L	50L	75L	100L
Power	2.5kW	3.5kW	4.5kW	4.5kW
Voltage	AC 220/110V,50/60Hz			
Design pressure	0.25MPa			
Design temperature	139℃			
Rated working pressure	0.22MPa			
Rated working temperature	134℃			
Sterilization temperature	116℃~134℃			
Sterilization time setting range	4~120 min			
Chamber volume (mm)	Ø300*450	Ø350*515	Ø 400*585	Ø450*615
Bucket dimension(mm)	Ø275*395	Ø325*235*2	Ø375*265*2	Ø425*275*2
Basket dimension(optional)(mm)	Ø270*380	Ø320*220*2	Ø370*250*2	Ø420*265*2
Outer dimension(mm)	476*473*990	544*536*1100	586*576*1210	620*610*1275
Package Dimension(W*D*H)(mm)	520*560*1120	580*630*1230	670*620*1350	690*650*1410
N.W. / G.W. (kg)	62/74	80/103	90/115	106/134

Class N Autoclave

STV-28HD

CE

Description

It has the advantages of reliable disinfection and sterilization effect, easy operation, safe use, power saving, durability, low price and excellent quality. It is an ideal equipment for disinfection and sterilization of surgical instruments, dressings, utensils, culture media, etc. in medical, health, scientific research, etc.



Features

- The sterilization process is fully automatic and computer controlled, no supervision is required, and it is easy to use.
- Touch buttons allow you to set the sterilization program arbitrarily.
- Hand wheel translation and quick opening structure, self-expanding seal and safety interlocking device.
- Equipped with an electronic pressure and temperature controller, it can automatically maintain constant
- pressure and temperature when the set sterilization pressure and temperature are reached.
- Rapid sterilization, with a sterilization time of only 4-6 minutes.
- With stainless steel sterilization bucket.
- Equipped with over-temperature and over-pressure automatic protection device: when the internal pressure is greater than 0.24MPa, the safety valve opens automatically.
- The whole machine is made of high-quality stainless steel and is durable.
- Using immersed electric heating tube for heating, high heating efficiency.
- With water cut-off and overheating protection function.
- Buzzer reminder after sterilization cycle, automatic stop.

Specifications

Model	STV-28HD
Volume	28L(φ270*500mm)
Design Pressure	0.3MPa
Design Temperature	150℃
Max.Working Pressure	0.25MPa
Max.Working Temperature	138℃
Temperature Uniformity	≤±1℃
Temperature Range	105~134℃
Timing Range	0~99min
Electricity	AC 220V/50Hz
Power	2 kW
External Dimension(W*D*H)	480*370*750mm
N.W. / G.W.	25kg/28kg
Package Dimension (W*D*H)	490*480*760mm





Vertical Counter Pressure Autoclave (Class N Autoclave)

STV-35LDC STV-50LDC STV-75LDC STV-100LDC STV-150LDC

CE



Description

This product is suitable for the disinfection and sterilization of food packaging, utensils, and other items. And it is suitable for food research institutions to conduct sterility tests, easy to operate, safe and reliable.

Features

- Equipped with a timer to automatically control the sterilization time.
- Adopts immersed electric heating tube, with anti-dry burning function; When the water level is lower than the specified water level line, it automatically cuts off the heating power and sends out an alarm signal.
- The whole machine is made of high-quality stainless steel, which has the advantages of corrosion resistance, easy maintenance and long service life.
- It is equipped with a safety valve, with automatic pressure relief at steam over-pressure of 0.25MPa, double safety protection of automatic power cut-off when the temperature exceeds 140℃, water cut-off overheat protection, and current overload automatic cut-off safety interlock device protection, making it safe and reliable to use.







Specifications

Model	STV-35LDC	STV-50LDC	STV-75LDC	STV-100LDC	STV-150LDC
Volume	35L φ318*450mm	50L φ340*550mm	75L φ400*600mm	100L φ440*650mm	150L φ510*740mm
Design Pressure	0.3MPa		0.3MPa		
Design Temperature	150℃		150℃		
Max.Working Pressure	0.25MPa		0.25MPa		
Max.Working Temperature	138℃		138℃		
Timing Range	0~99min		0~99min		
Temperature Range	105~134℃		105~134℃		
Electricity	AC 220V/50Hz		AC 220V/50Hz		
Power	2.5kW	3kW	4.5kW	4.5kW	6kW
External Dimension(W*D*H)	470*450*840mm	520*500*970mm	550*530*990mm	580*560*1060mm	660*640*1130mm
N.W. / G.W.	47kg/64kg	56kg/77kg	70kg/90kg	76kg/98kg	111kg/138kg
Package Dimension (W*D*H)	540*540*1000mm	580*580*1130mm	610*610*1160mm	640*640*1220mm	730*730*1290mm

Class N Autoclave

STV-F30L STV-F30LA STV-F50L STV-F50LA STV-F75L STV-F75LA

CE

Description

The shell of autoclave is made of high temperature thermoplastic material with outstanding impact resistance and stainless steel. The pot body of sterilizer is made of food grade stainless steel(304). The cover opening and closing device adopts a lever-type multi-link synchronous telescopic structure.



Specifications

Model	STV-F30L STV-F30LA	STV-F50L STV-F50LA	STV-F75L STV-F75LA
Volume	30L(φ350*400mm)	50L(φ350*550mm)	75L(φ350*700mm)
Basket Dimension(D*H mm)	335*190mm	335*360mm	335*190mm/335*360mm
Configuration	Semi-auto/Full-auto	Semi-auto/Full-auto	Semi-auto/Full-auto
Material	Stainless steel	Stainless steel	Stainless steel
Pot Wall Thickness	2.0mm (Reference)	2.0mm (Reference)	2.0mm (Reference)
Time Setting Range	1~9999 min	1~9999 min	1~9999 min
Rated Working Pressure	0.217MPa	0.217MPa	0.217MPa
Temp. Setting Range	50~134℃	50~134℃	50~134℃
Electricity	220V/3.5kW	220V/3.5kW	220V/3.5kW
External Dimension	550*620*1070mm	550*620*1070mm	550*620*1190mm
Gross Weight	92kg/96kg	96kg/100kg	106kg/111kg
Package Dimension	790*670*1160mm	790*670*1160mm	790*670*1320mm

Features

- The console adopts LCD window for dynamic display. The whole sterilization process is implemented with microcomputer display and automatic cycle control. It will automatically stop after the sterilization is completed (alarm).
- It has a one-button sterilization function selection,which can make a quick and clear choice based on different items.
- With air-cooled rapid cooling device to ensure that the pot body is cooled quickly at the end of sterilization, thereby shortening the time to open the pot lid.
- It has the function of preheating and melting of sterilized items and has time and temperature selection for the items to be dissolved.
- Sterilization time reservation function, convenient for users to start the machine at scheduled time.
- With automatic fault detection and judgment system.
- The full-automatic control model has the function of discharging the low temperature air and steam internal exhaust and exhausting steam when sterilization procedure ends.
- The full-automatic control type has the functions of automatic discharge of cold air, internal exhaust of steam and automatic exhaust of steam at the end of sterilization.
- The printing function can be added to print the sterilization temperature and sterilization time in real time.
- The safety interlock structure of electrical and mechanical interaction is adopted to ensure that the interlock device locks the lid handle when there is pressure in the pot to prevent the lid from being opened when there is pressure in the pot.
- Double protection system with the mechanical safety relief valve and electronically controlled over voltage protective device.
- It has heater anti-drying protection function and leakage protection system.

Class N Autoclave

STV-J60L STV-J80L

Description

The shell of autoclave is made of high temperature thermoplastic material with outstanding impact resistance and stainless steel.The sterilization pot body is made of high-quality stainless steel (304).The cover opening and closing method adopts a double-screw spinning sealing structure, which is easy to operate, safe and reliable.



Specifications

Model	STV-J60L	STV-J80L
Volume	60L	80L
Configuration	Standard	Standard
Sterilization Chamber Dimension	φ355*550mm	φ355*700mm
Basket Dimension	335*360mm	330*190mm, 330*360mm
Pot Wall Thickness	2.0mm (Reference)	2.0mm (Reference)
Temp. Setting Range	50~134℃	50~134℃
Time Setting Range	0-99h	0-99h
Max. Design Temperature	138℃	138℃
Rated Working Pressure	0.217MPa	0.217MPa
Design Pressure	0.24MPa	0.24MPa
Electricity	220V/50Hz	220V/50Hz
Power	3.5kW	3.5kW
External Dimension	530*620*1005 mm	530*620*1155mm
Gross Weight	98kg	110kg
Package Dimension	790*670*1160 mm	790*670*1320mm

Features

- Digital display of sterilization process.
- The entire sterilization process is automatically cycle controlled.
- Automatically stops after sterilization is completed (alarm).
- One-button sterilization temperature selection, the required sterilization temperature and time can be set according to different sterilization items.
- The air-cooled rapid cooling device ensures that the pot body is cooled quickly at the end of sterilization.
- With automatic cold air discharge and temperature deviation correction function.
- Printing function can be added to print the sterilization temperature and sterilization time in real time.
- Over-temperature and over-pressure alarm function, over-pressure self-discharge exhaust.
- It has casters on the bottom for easy movement.
- The standard cooling fan can quickly reduce the chamber temperature after sterilization.
- With verification port.
- Double protection system with the mechanical safety relief valve and electronically controlled over voltage protective device.
- It has heater anti-drying protection function and leakage protection system.





Class N Autoclave

STV-J60LA STV-J80LA

CE



Description

The shell of autoclave is made of high temperature thermoplastic material with outstanding impact resistance and stainless steel.The sterilization pot body is made of high-quality stainless steel (304).The cover opening and closing method adopts a double-screw spinning sealing structure, which is easy to operate, safe and reliable.

Specifications

Model	STV-J60LA	STV-J80LA
Volume	60L	80L
Configuration	Automatic	Automatic
Sterilization Chamber Dimension	φ355*550mm	φ355*700mm
Basket Dimension	335*360 mm	330*190mm, 330*360mm
Pot Wall Thickness	2.0mm (Reference)	2.0mm (Reference)
Temp. Setting Range	50~134℃	50~134℃
Time Setting Range	0-99h	0-99h
Max. Design Temperature	138℃	138℃
Rated Working Pressure	0.217MPa	0.217MPa
Design Pressure	0.24MPa	0.24MPa
Electricity	220V/50Hz	220V/50Hz
Power	3.5kW	3.5kW
External Dimension	530*620*1005mm	530*620*1155mm
Gross Weight	102kg	114kg
Package Dimension	790*670*1160mm	790*670*1320mm

Features

- Digital display of sterilization process.
- The entire sterilization process is automatically cycle controlled.
- Automatically stops after sterilization is completed (alarm).
- One-button sterilization temperature selection, the required sterilization temperature and time can be set according to different sterilization items.
- The air-cooled rapid cooling device ensures that the pot body is cooled quickly at the end of sterilization.
- Automatic discharge of cold air and automatic exhaust at the end of sterilization, no steam exhaust during the whole process (built-in steam collecting water tank);
- Printing function can be added to print the sterilization temperature and sterilization time in real time.
- Fixed programs can be preset to select sterilization modes for solids and liquids.
- Three-level exhaust method: full exhaust, micro exhaust, no exhaust.
- Temperature deviation correction function.
- Over-temperature and over-pressure alarm function, over-pressure self-discharge exhaust.
- It has casters on the bottom for easy movement.
- The standard cooling fan can quickly reduce the chamber temperature after sterilization.
- With verification port.
- Double protection system with the mechanical safety relief valve and electronically controlled over voltage protective device.

  It has heater anti-drying protection function and leakage protection system.

Class N Autoclave

STV-M40L STV-M40LA STV-M60L STV-M60LA STV-M80L STV-M80LA

CE

Description

The shell of autoclave is made of high temperature thermoplastic material with outstanding impact resistance and stainless steel. The pot body of sterilizer is made of food grade stainless steel(304). The cover opening and closing device adopts a lever-type multi-link synchronous telescopic structure.



Specifications

Model	STV-M40L STV-M40LA	STV-M60L STV-M60LA	STV-M80L STV-M80LA
Volume	40L(φ350*400mm)	60L(φ350*550mm)	80L(φ350*700mm)
Basket Dimension(D*H)	335*190mm	335*360mm	335*190mm/335*360mm
Configuration	Semi-auto/Full-auto	Semi-auto/Full-auto	Semi-auto/Full-auto
Material	Stainless steel	Stainless steel	Stainless steel
Pot Wall Thickness	2.0mm (Reference)	2.0mm (Reference)	2.0mm (Reference)
Time Setting Range	1~9999 min	1~9999 min	1~9999 min
Rated Working Pressure	0.217MPa	0.217MPa	0.217MPa
Temp. Setting Range	50~134℃	50~134℃	50~134℃
Electricity	220V/3.5kW	220V/3.5kW	220V/3.5kW
External Dimension	570*690*1020mm	570*690*1020mm	570*690*1170mm
Gross Weight	92kg/95kg	98kg/100kg	106kg/109kg
Package Dimension	790*670*1160mm	790*670*1160mm	790*670*1320mm

Features

- The console adopts LCD window for dynamic display. The whole sterilization process is implemented with microcomputer display and automatic cycle control. It will automatically stop after the sterilization is completed (alarm).
- It has a one-button sterilization function selection,which can make a quick and clear choice based on different items.
- With air-cooled rapid cooling device to ensure that the pot body is cooled quickly at the end of sterilization, thereby shortening the time to open the pot lid.
- It has the function of preheating and melting of sterilized items and has time and temperature selection for the items to be dissolved.
- Sterilization time reservation function, convenient for users to start the machine at scheduled time.
- With automatic fault detection and judgment system.
- The full-automatic control model has the function of discharging the low temperature air and steam internal exhaust and exhausting steam when sterilization procedure ends.
- The full-automatic control type has the functions of automatic discharge of cold air, internal exhaust of steam and automatic exhaust of steam at the end of sterilization.
- The printing function can be added to print the sterilization temperature and sterilization time in real time.
- The safety interlock structure of electrical and mechanical interaction is adopted to ensure that the interlock device locks the lid handle when there is pressure in the pot to prevent the lid from being opened when there is pressure in the pot.
- Double protection system with the mechanical safety relief valve and electronically controlled over voltage protective device.
- It has heater anti-drying protection function and leakage protection system.

Class N Autoclave

STV-S100L STV-S150L STV-S200L

CE



Description

It has digital display screen, microcomputer intelligent control system, safety interlock device, interface check, memory storage system, safety devices, etc.

Features

- Intelligent microcomputer control system: Using LED digital control system; Sterilizer will automatic alarm and shut down after sterilization finished.
- Electric interlock device: The electronic and mechanical interactive safety control structure is adopted to ensure that the interlocking device automatically locks the cover when there is pressure in the pot, avoiding unsafe factors caused by misoperation or improper use.
- Structure of cover's opening: Using hand wheel rotary type cover to improve sealing and safety performance.
- Preset program: Fixed programs can be preset for sterilization of socovers.
- Memory storage system: The last sterilization procedure can be stored for easy secondary operation.
- Interface check: Provide temperature and pressure check interface; convenient to check multiple position temperature measurement.
- Digital display screen and working indicator light display running state.
- Safety devices: The safety interlock structure of electrical and mechanical interaction is adopted to ensure that the interlock device locks the cover handle when there is pressure in the pot, preventing the cover from being opened when there is pressure in the pot.

Specifications

Model	STV-S100L	STV-S150L	STV-S200L
Volume	100L(φ500*550mm)	150L(φ500*760mm)	200L(500*1000mm)
Basket Dimension (D*H)	470*230(*2)mm	470*230(*3)mm	470*230(*4)mm
Configuration	Semi-auto	Semi-auto	Semi-auto
Material	Stainless Steel	Stainless Steel	Stainless Steel
Pot Wall Thickness	3.0mm (Reference)	3.0mm (Reference)	3.0mm (Reference)
Time Setting Range	1~99h	1~99h	1~99h
Rated Working Pressure	0.217MPa	0.217MPa	0.217MPa
Temp. Setting Range	50~134℃	50~134℃	50~134℃
Electricity	380V/6kW	380V/6kW	380V/6kW
External Dimension	630*700*1200mm	630*700*1400mm	630*700*1600mm
Gross Weight	188kg	213kg	238kg
Package Dimension	760*800*1340mm	760*800*1530mm	760*800*1720mm





Class N Autoclave

STH-150 STH-200 STH-280 STH-400 STH-500





Features

- Sterilizing course automatic controlled, easy to operate.
- With drying function, suitable dressing drying.
- With over-temperature, over-pressure auto-protect device.
- The door opening mechanism cannot be operated until the pressure in the chamber is reduced to 0.027MPa. It can't start if the door doesn't close well.
- The safety value will be open automatically when the inner pressure over 0.24MPa, and the steam will exhaust to the water tank.
- The power is automatically cut off, and it will cut off and alarm when the machine is short of water.
- The chamber of the sterilizer is made of stainless steel.

Specifications

Model	STH-150	STH-200	STH-280	STH-400	STH-500
Sterilizing Chamber	150L	200L φ515×1000mm	280L φ600×1000mm	400L Φ700×1100mm	500L Φ700×1300mm
Volume	φ440×1000mm				
Working Pressure	0.22MPa				
Working Temperature	134℃				
Temperature Range	105℃ - 134℃				
Time of Sterilization	0-60 mins				
Time of Drying	0-60 mins				
Heat Average	≤±2℃				
Power	9KW/380V 50/60Hz	9KW/380V 50/60Hz	12KW/380V 50/60Hz	15KW/380V 50/60Hz	15KW/380V 50/60Hz
External Dimension	1350×600×1520	1400×670×1650	1400×770×1780	1430×880×1830	1800×900×1820
Transport Dimension	1560×750×1850	1560×820×1930	1680×920×1950	1600×1050×2050	1850×1050×2050
G.W/N.W	320/278 kg	378/318 kg	465/391 kg	530/456 kg	627/540 kg



Class N Autoclave

STH-N150D STH-N200D
STH-N300D STH-N400D







Main Technical Parameter

Model	STH-N150D STH-N200D STH-N300D STH-N400D
Design Pressure	-0.1~0.3MPa
Design Temperature	150℃
Working Pressure	0.23MPa
Working Temperature	115~138℃
Temperature Equilibrium	<+2.0℃
Vacuum	-0.086MPa
Water Pressure	0.1-0.2MPa
Compressed Air Pressure	0.4~0.7MPa
Steam Pressure	0.3~0.7MPa
Power Voltage	Three-phase five-wire AC380V/50Hz

Features

- Horizontal circular inner chamber + jacket structure, safety, heat preservation, and drying function;
- Disc type embedded gear + Electric lock door structure,safety and reliable;
- Door seals are pneumatic
- Equipped with standard equipment verification interface
- Pipeline system for the optimal design, SUS304 pipeline, clamp structure, quick assembly
- Control system: HMI man-machine interface, touch screen + microcomputer;
- F0 value and temperature time double guarantee sterilization effect, with perfect sterilization records;
- With program selection, parameter setting, equipment operation, report processing and traceability functions;
- Multiple safety protection(over-temperature, over-pressure protect)
- Built-in printer.
- USB function.

Note:

- The machine needs external compressed air for door sealing and the air consumption is not large. If the end users don't have a ready air source, they can choose to use an air compressor of about 40L.

Specifications

Model	STH-N150D	STH-N200D
Volume(L)	150	200
Overall Dimensions(L*W*H)mm	1260*690*1740	1490*690*1740
Chamber Size(Ø*L)mm	φ472*880	φ472*1150
Steam Consumption (kg)	≤13	≤15
Water Consumption(kg)	≤30	≤35
Power(kW)	≤18	≤23
N.W. / G.W. (kg)	390/470	435/535

Model	STH-N300D	STH-N400D
Volume(L)	300	400
Overall Dimensions(L*W*H)mm	1400*850*1760	1680*850*1760
Chamber Size(Ø*L)mm	φ620*995	φ620*1320
Steam Consumption (kg)	≤20	≤25
Water Consumption(kg)	≤40	≤45
Power(kW)	≤23	≤23
N.W. / G.W. (kg)	540/645	630/740

Pulse Vacuum Autoclave, Vertical Type

STV-APV35 STV-APV50 STV-APV75 STV-APV100







Features

- Hand wheel translation and quick opening structure
- 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 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
- Built-in printer
- USB function
- Automatic Water Filling
- Built-in Steam Generator

Specifications

Model	STV-APV35	STV-APV50	STV-APV75	STV-APV100
Volume	35L	50L	75L	100L
Power	3.5kW	3.5kW	4.5kW	4.5kW
Voltage	AC 220/110V,50/60Hz			
Design pressure	0.25MPa			
Design temperature	139℃			
Rated working pressure	0.22MPa			
Rated working temperature	134℃			
Sterilization temperature	116℃~134℃			
Sterilization time setting range	4~120 min			
Drying time setting range	0~240min			
Chamber volume(mm)	Ø300*545	Ø400*515	Ø400*665	Ø450*725
Bucket dimension(mm)	Ø275*395	Ø375*235*2	Ø375*265*2	Ø425*275*2
Basket dimension(optional)(mm)	Ø270*380	Ø370*220*2	Ø370*250*2	Ø420*265*2
Outer dimension(mm)	610*430*1050	761*540*1180	761*540*1180	790*570*1265
Packing dimension(L*W*H)mm	670*520*1180	840*610*1310	840*610*1310	870*650*1380
G.W./N.W.	86/80kg	143/114kg	150/121kg	180/146kg

Portable Autoclave

STP-39LM



Application

It can be used in hospitals, public health centers, health stations, clinics in factories and mines, scientific research institutes, etc, to sterilize medical equipment, surgical dressings, glass utensils, solutions, substrata. It can also be used as cooker in plateau areas and be used to make high quality drinking water in industrial and mining enterprises.

Features

- It is heated by the immersed electric heating tube.
- Quick rise temperature and low power consumption.
- Applied for electric-heating or the LPG heating.
- The container is made of 0Cr19Ni9 (stainless steel).
- Equipped with safety valve and air releasing valve.
- Equipped with a pressure gauge with megabar and temperature readings.

Specifications

Model	STP-39LM
Volume	39L(φ340*430 mm)
Rated Working Pressure	0.14~0.16MPa
Rated Working Temperature	126 ℃
Max. Safety Pressure	0.165MPa
Electricity	AC 220V/ 50Hz, 2.5kW
External Dimension	440*440*600mm
N.W. / G.W.	24kg/28kg
Package Dimension	540*480*650mm

Portable Autoclave

STP-A18 STP-A24



Features

- Quick opening structure
- High quality stainless steel material
- Simple operation, safe and reliable
- Self inflating type seal
- Electric and gas heating both use
- Auto release when over pressure
- Double scale indication pressure gauge

Specifications

Model	STP-A18	STP-A24
Volume	18L	24L
Power	1.6kW	2.0kW
Voltage	AC220/110V,50/60Hz	
Rated working pressure	0.142MPa	
Rated working temperature	126℃	
Chamber volume	Ø280×295	Ø280×390
N.W. / G.W. (kg)	14.5/15.5	15.8/17.5
Shipping Dimension (W*D*H) (mm)	410*410*430	410*410*540

Portable Autoclave

STP-E18 STP-E24



Features

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

Specifications

Model	STP-E18	STP-E24
Volume	18L	24L
Power	2.0kW	2.0kW
Voltage	AC220V,50/60Hz	
Rated working pressure	0.142MPa	
Rated working temperature	105-126℃	
Sterilization time setting range	0-99min	
Chamber volume(mm)	Ø280×295	Ø280×390
N.W. / G.W. (kg)	17/18	17.5/19
Packing Dimension (W*D*H) (mm)	410*410*560	410*410*680

Portable Autoclave

STP-A18L STP-A24L STP-A30L



STP-A18L


STP-A24L
STP-A30L



STP-A24L
STP-A30L

Features

- Intelligent microcomputer control system: Using LED digital control system; Sterilizer will automatic alarm and shut down after sterilization finished.
- Interlock device: The control system monitors the temperature and pressure in the sterilization chamber in real time. Only under safe temperature and pressure can the sterilizer cover be opened to ensure the safety of operators.
- Structure of cover's opening: Quick-opening structure to improve sealing and safety performance.
- Preset program: Fixed programs can be preset for sterilization of sterilized items.
- Memory storage system: The last sterilization procedure can be stored for easy secondary operation.
- Digital display screen and working indicator light display running state.
- Safety devices: Interlock device, over-temperature and over-pressure protection system, anti-dry burn protection function, safety relief valve, current leakage protector and automatic fault detection.

Description

- Volume:18L, 24L, 30L
- Temp. Setting Range: 50~126℃
- Time Setting Range: 1~999min
- Rated Working Pressure: 0.142MPa

Description

It has an intelligent microcomputer control system, safety interlock device, quick-open cover structure, safety protection device, and memory storage system, etc.



Specifications

Model	STP-A18L	STP-A24L	STP-A30L
Volume	18L (φ269*260mm)	24L (φ269*320mm)	30L(φ269*420mm)
Configuration	Semi-auto	Semi-auto	Semi-auto
Material	Stainless steel	Stainless steel	Stainless steel
Pot Wall Thickness	2.0mm (Reference)	2.0mm (Reference)	2.0mm (Reference)
Time Setting Range	1~999min	1~999min	1~999min
Rated Working Pressure	0.142MPa	0.142MPa	0.142MPa
Temp. Setting Range	50~126℃	50~126℃	50~126℃
Electricity	220V/2kW	220V/2kW	220V/2kW
External Dimension	440*445*629mm	440*484*815mm	440*484*815mm
Gross Weight	23kg	29kg	31kg
Package Dimension	510*510*720mm	540*500*900mm	540*500*900mm

Bacti-cinerator Sterilizer

BCS-800A **BCS-800B**



BCS-800A



BCS-800B

Features

- Safety and convenient. Totally take the place of alcohol lamps.
- It only need 5-7 seconds, because of its highest temperature of 825℃.
- Smart, light and easy to handle.
- The sterilizer can be used in anaerobic chamber.
- Podzolic organics prevent pollution effectively.
- Smart technique makes it possible to use for a longer time and safer.

Descriptions

Bacti-Cinerator Sterilizer is used in degassing for inoculating loops and needles, instead of alcohol lamps. Due to its convenience, sterilizer is widely used in the environment of biological safety cabinet, the exhaust fan, purification table and mobile van.

Parameters

Model	BCS-800A	BCS-800B
Maximum Temp in Central Zone	825°C ± 25°C	825°C ± 25°C
Maximum Outer Diameter of Sterilization Goods	φ15mm	φ35mm
Length of Heating Area	140mm	100mm
Heating Time	15mins	15mins
Power	150w	250w
Voltage	AC110V or 220V, 50/60Hz	AC110v or 220V, 50/60Hz
Fuse	250V 3A 5x20	250V 3A 5x20
Ambient Temperature	5~40℃	5~40℃
Package Dimension (W*D*H)(mm)	270*240*280	340*280*300
N.W. / G.W. (kg)	1.0/1.4	1.3/2

Bacti-cinerator Sterilizer

BCS-I BCS-II



BCS-I

BCS-II

Description

- The sterilizer uses infrared heat for sterilization and is suitable for high-temperature sterilization of inoculation loops, inoculation needles, tube mouths, bottle mouths and other items. It is characterized by ease of use, simple operation, no environmental pollution, no open flames, wind resistance, and safe operation. It can be widely applied for microbiological experiments in environments such as biological safety cabinets, laminar flow hoods (or clean benches), near fume extractors, and on mobile carts.

Features

- **High Efficiency**

  The maximum temperature is 930℃±30℃, and the inoculation needle loop can be sterilized in just 2 seconds, effectively reducing the user's workload.

- **Superior Quality**

  The heating element utilizes premium 95% alumina ceramic, offering high wear resistance, corrosion resistance, high-temperature endurance, and anti-permeability.

- **Flexible Design**

  The angle of the heater is adjustable, with a maximum depression angle of 45° and a maximum elevation angle of 75°. It can sterilize the mouths of test tubes and bottles containing liquids without spilling the liquid.

- **Stable Performance**

  Using advanced microelectronic digital chips and automatic voltage change regulator, when the operating voltage changes within the range of 180V~240V, it can keep the heating chamber fluctuating within the set temperature (temperature at 930℃±30℃), effectively extending the life of the heating element.

Specifications

Model	BCS-I	BCS-II
Sterilization Port Diameter	φ36 mm	φ22 mm
Diameter of Sterilizable Items	＜φ35 mm	＜φ20mm
Heating Zone Depth	8.5cm	15.2cm
Heating Time to Max. Temperature	20mins	
Max. Temperature	900 ±30℃	
Standby Temperature	600℃	
Electricity	180V~240V, 50Hz	
Power	200W	
Ambient Temperature	-10℃~40℃	
Relative Humidity	≤95%	
Package Dimension	265*230*155mm	
N.W./G.W.	1.2kg/1.5kg	

Glass Bead Sterilizer

BGS-300H BGS-300L



BGS-300L BGS-300H

Features

- Digital control, up to 300℃.
- (generally within 10-15s). Sterilization of forceps, scissors, needles & other small surgical instruments. (generally within 10-15s)
- Safe to use—no gases, fumes, open flames or harsh liquids.
- Stainless steel inner container, built-in highly precise temperature controller and over-temperature protection.
- The sterilizer includes one bag of glass beads.

Descriptions

BGS300 Series Glass Bead Sterilizer is ideal for the sterilization of surgical instruments (forceps, scissors, needles, etc.). When the chamber is filled with the included glass beads, high temperature(up to 300C) can be used to eliminate the presence of bacteria, spores and other microorganisms. Without using potentially dangerous gases, flames or chemicals, it ensures that the sterilized instruments will be free of pathogens and microbial contaminants. The small footprint saves bench space,
the sterilizer is safe to be used even in laminar flow hoods.

Specifications

Model	BGS-300H	BGS-300L
Temperature Range	100-300 ℃	100-300 ℃
Temp Accuracy	± 5℃	±5℃
Display Accuracy	1℃	1℃
Time Range	1min~ 99hrs59mins/∞	1min ~ 99hrs59mins/∞
Heating Time	s25mins(RT. to 300°C)	≤25mins(RT. To 300°C)
Voltage	AC110V or 220V, 50/60Hz	AC110V or 220V, 50/60Hz
Material of Lid	Stainless steel	Stainless steel
Maximum Power	250W	120W
Chamber Volume (diameter x depth)	40mm x 140mm	40mm x 80mm
Glass Beads Capacity	300g	150g
Dimension(mm)	176x135x249.5	176x135x189.5
Package Dimension (W*D*H)(mm)	320*300*300	390*320*340
N.W./G.W. (kg)	2.5/4.62	2.5/4.2

Cassette Sterilizer

STC-2000



Features

The sterilization effect is reliable, rapid. The whole process of non-wrapped sterilization time is 6 minutes, suitable for stomatology, ophthalmology and other departments of small instruments.

It is easy to operate, the system operation is displayed on the screen; Sterilization procedures can be safely interrupted at any time.

With self-detection system, if a problem occurs in the process of operation, the system will automatically stop and the defective code will be displayed on the screen.

It is suitable for sterilization of instruments containing cavity and solid instruments, and it can be non-wrapped sterilization.

Specifications

Model	STC-2000
Maximum Operating Pressure	242 kPa
Operating Pressure Range	42 kPa ~ 212kPa
Maximum Operating Temperature	138° C
Operating Temperature Range	115-135 ℃
Display accuracy	0.1° C
Sterilization Volume	About 1.8 Liters
Tank Volume	3.4 Liters
Water	Ultra-pure water, deionized water, laboratory water.
Power Supply Voltage	AC 220 V±22 V
Power Frequency	50 Hz ± 1 Hz
Input Power	≤1.3 kVA
Atmospheric Pressure Range	70.0 kPa to 106.0 kPa
Ambient Temperature Range	+ 5 ° C ~ + 40 ° C
Steam Generator Power	1.2 kVA ± 5%
Fuse	F8AL250V phi 5 x 20 mm
Safety Valve Setting Pressure	0.25 MPa
Equipment Working Medium	Water Vapor
Working Relative Humidity	≤85%
Normal Use Place	Work room
Run Mode	Run Intermittently (≤6 cycles/hour)
Equipment size(cm)	57*41.5*17
Sterilization chamber size(cm)	28*18*3.8
Sterilization box size (outside)(cm)	39*19.6*4
Package Dimension(W*D*H)(mm)	710*580*600
N.W. / G.W. (kg)	35/46

Cassette Sterilizer

STC-5000



Features

The sterilization effect is reliable and rapid. The whole process of non-wrapped sterilization takes 9 minutes, which is suitable for multi-department equipment operation and emergency.

It is easy to operate, the system operation is displayed on the screen; Sterilization procedures can be safely interrupted at any time.

With self-detection system, if a problem occurs in the process of operation, the system will automatically stop and the defective code will be displayed on the screen.

It is suitable for sterilization of instruments containing cavity and solid instruments, and it can be non-wrapped sterilization

Specifications

Model	STC-5000
Maximum Operating Pressure	242kPa
Operating Pressure Range	42 kPa~212kPa
Maximum Operating Temperature	138 ° C
Operating Temperature Range	115-135 ℃
Display accuracy	0.1 ℃
Sterilization Volume	About 5.2 Liters
Tank Volume	3.4 Liters
Water	Ultra-pure water, deionized water, laboratory water, distilled water, purified water.
Power Supply Voltage	AC 220V±22V
Power Frequency	50Hz±1Hz
Input Power	≤1.3 kVA
Atmospheric Pressure Range	70.0 kPa to 106.0 kPa
Ambient Temperature Range	+ 5 ° C ~ + 40 ° C
Steam Generator Power	1.2 kVA ± 5%
Fuse	F8AL250V phi 5 x 20 mm
Safety Valve Setting Pressure	0.25 MPa
Equipment Working Medium	Water Vapor
Working Relative Humidity	≤85%
Normal Use Place	Work Room
Run Mode	Run Intermittently (≤6 cycles/hour)
Equipment size(cm)	58*46*19
Sterilization chamber size(cm)	38*18*7.8
Sterilization box size (outside)(cm)	48*19.6*8
Package Dimension(W*D*H)(mm)	710*590*630
N.W. / G.W. (kg)	45/64

Cassette Sterilizer

STC-6000



Features

With self-detection system, if a problem occurs in the process of operation, the system will automatically stop and the defective code will be displayed on the screen.

The sterilization effect is reliable and rapid. The whole process of non-wrapped sterilization takes 9 minutes, which is suitable for multi-department equipment operation and emergency.



It is easy to operate, the system operation is displayed on the screen; Sterilization procedures can be safely interrupted at any time.



It is suitable for sterilization of instruments containing cavity and solid instruments, and it can be non-wrapped sterilization.

Specifications

Model	STC-6000
Maximum Operating Pressure	242kP
Operating Pressure Range	42 kPa~212kPa
Maximum Operating Temperature	138 ° C
Operating Temperature Range	115-135 ℃
Display accuracy	0.1 ℃
Sterilization Volume	About 6.0 Liters
Tank Volume	3.4 Liters
Water	Ultra-pure water, deionized water, laboratory water, distilled water, purified water.
Power Supply Voltage	AC 220V±22V
Power Frequency	50Hz±1Hz
Input Power	≤1.3 kVA
Atmospheric Pressure Range	70.0 kPa to 106.0 kPa
Ambient Temperature Range	+ 5 ° C ~ + 40 ° C
Steam Generator Power	1.2 kVA ± 5%
Fuse	F8AL250V phi 5 x 20 mm
Safety Valve Setting Pressure	0.25 MPa
Equipment Working Medium	Water Vapor
Working Relative Humidity	≤85%
Normal Use Place	Work Room
Run Mode	Run Intermittently(≤6 cycles/hour)
Equipment size(cm)	58*46*19
Sterilization chamber size(cm)	48*18* 7.8
Sterilization box size (outside)(cm)	57*21*8
Shipping Dimension (W*D*H) (mm)	70*58*58
N.W. / G.W. (kg)	46/61