Infitek

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Disinfection & Sterilization Solution

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Laboratory and Medical equipment one-stop solution provider

INFITEK CO., LTD.
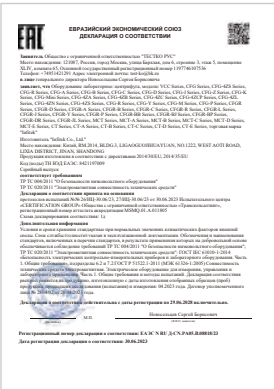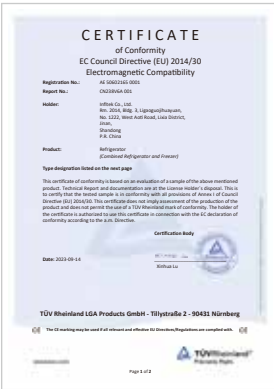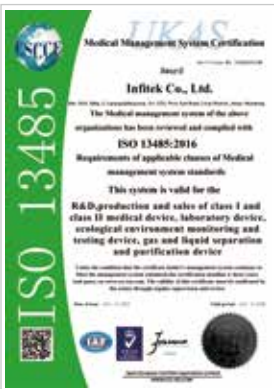
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INTRODUCTION

CERTIFICATE

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.

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.

ISO9001
ISO13485
ISO45001

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-APV20   STB-APV24

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-APV20	STB-APV24
Volume	18L(φ250*360mm)	23L(φ250*470mm)
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, 2kW	AC 220V/50Hz, 2kW
External Dimension	480*680*455mm	480*680*455mm
N.W./G.W.	47kg/60kg	53kg/61kg
Package Dimension	780*580*580mm	780*590*570mm

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.

◆ This product is designed for open water tank, water purification and sewage tank separation, convenient and intuitive.

◆ 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-APV20DV   STB-APV24DV

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-APV20DV	STB-APV24DV
Volume	18L(φ250*360mm)	23L(φ250*470mm)
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, 2kW	
External Dimension	480*680*455mm	480*680*455mm
N.W./G.W.	47kg/56kg	53kg/57kg
Package Dimension	580*790*580mm	580*790*580mm

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.

◆ This product is designed for open water tank, water purification and sewage tank separation, convenient and intuitive.

◆ 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-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.

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.

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

Class B Autoclave

STV-APV50HV   STV-APV75HV   STV-APV100HV

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 medical, health, scientific research and other units to disinfect and sterilize surgical instruments, dressings, utensils, culture media, etc.

Specifications

Model	STV-APV50HV	STV-APV75HV	STV-APV100HV
Volume	50L(φ340*550mm)	75L(φ400*600mm)	100L(φ440*650mm)
Design Pressure	0.3MPa		
Design Temperature	150℃		
Max.Working Pressure	0.25MPa		
Max.Working Temperature	138℃		
Temperature Uniformity	≤±1℃		
Temperature Range	0~134℃		
Timing Range	0~99min		
Electricity	AC 220V/50Hz		
Power	(3.2+1.6) kW	(3.2+1.8) kW	(3.2+1.9) kW
External Dimension	660*460*1160mm	700*520*1250mm	820*560*1270mm
N.W. / G.W.	114kg/137kg	142kg/168kg	168kg/190kg
Package Dimension	740*550*1270mm	780*600*1410mm	950*680*1430mm

Note: Equipped with steam drum evaporator, standard printer

Features

◆ Microcomputer control, LCD screen intuitively displays the sterilization process, touch buttons.

◆ Temperature, pressure, time and vacuum degree are displayed dynamically on LCD; Operation process status display.

◆ The whole process of water inlet, pulsating vacuum, heating, sterilization, drainage and steam exhaust, and vacuum drying is carried out automatically.

◆ Three-time pulsation vacuum and vacuum degree can reach -0.081MPa, ensuring efficient extraction of air from dressings and A and B type cavity devices.

◆ There are four fixed programs for instruments, dressings, rubber, and liquids, and there is also a user-defined sterilization program.

◆ Equipped with standard PT/TT test interface, it is convenient for users to conduct tests.

◆ Multiple pulse vacuum drying after sterilization ensures good sterilization effect.

◆ Equipped with 0.22μm bacteria filter, it ensure the air which enter the inner vacuumed chamber is sterile, avoid the second time contamination.

◆ Hand wheel translation and quick opening structure, self-expanding seal.

◆ Immersed electric heating tube, high heating efficiency.

◆ The internal circulation system of steam and water doesn't discharge steam to the outside, and the environment is clean and dry.

◆ Buzzer reminder after sterilization, automatic stop.

◆ The whole machine is made of high-quality stainless steel material and is equipped with a double-layer stainless steel basket.

◆ 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.

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Class B Autoclave

STB-B8B   STB-B12B   STB-B18B   STB-B23B

STB-B8B   STB-B12B

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

Specifications

Model	STB-B8B	STB-B12B	STB-B18B	STB-B23B
Volume	8L	12L	18L	23L
Power	2kW	2kW	2kW	2kW
Voltage	AC220/110V,50/60Hz			
Design pressure	0.25MPa			
Design temperature	139℃			
Rated working pressure	0.22MPa			
Rated working temperature	134℃			
Chamber volume	Ø170*320	Ø200*355	Ø250*370	Ø250*452
Package Dimension (W*D*H)(mm)	660*510*460	445*580*400	480*640*450	760*560*510

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	2kW	2kW	2.5kW
Voltage	AC220/110V,50/60Hz		
Design pressure	0.25MPa		
Design temperature	139℃		
Rated working pressure	0.22MPa		
Rated working temperature	134℃		
Chamber volume	Ø250×370	Ø250×470	Ø316×615
Package Dimension (W*D*H)(mm)	800*600*530	800*610*530	657×870×575

Class N Autoclave

STB-N16J   STB-N24J

$C\epsilon$

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: 134ºC 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-N20BJ   STB-N24BJ

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.

Features

◆ The indicator light displays the working status.

◆ Quick sterilization in 4-6 minutes.

◆ The sterilization temperature and time can be set by oneself.

◆ Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.

◆ Automatic protection function for over-temperature and over-pressure.

◆ Safe protection of water lacking.

◆ Automatic discharge of cold air.

◆ Equipped with a three-layer stainless steel sterilization tray.

◆ The sterilization chamber is made of high-quality stainless steel.

◆ Automatically shut down with beep reminding after sterilization.

◆ 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.

Specifications

Model	STB-N20BJ	STB-N24BJ
Volume	20L(φ250*420mm)	24L(φ250*520mm)
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	AC 220V/50Hz, 1.5kW	AC 220V/50Hz, 2kW
Sterilization Tray	340*200*30mm(3pcs.)	400*200*30(3pcs.)
External Dimension	620*480*400mm	710*480*400mm
N.W./G.W.	40kg/44kg	45kg/50kg
Package Dimension	700*580*500mm	800*580*500mm

Class N Autoclave

STB-N20D   STB-N24D

$C\epsilon$

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

◆ 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.

Specifications

Model	STB-N20D	STB-N24D
Volume	18L(φ250*360mm)	23L(φ250*470mm)
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, 1.5kW	AC 220V/50Hz, 2kW
Sterilization Tray	340*200*30(4pcs.)	400*200*30(4pcs.)
External Dimension	480*680*455mm	480*680*455mm
N.W./G.W.	48kg/53kg	49kg/55kg
Package Dimension	580*700*500mm	600*790*570mm

Class N Autoclave

STB-N35D   STB-N50D

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.

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.

Specifications

Model	STB-N35D	STB-N50D
Volume	35L(φ300*500mm)	50L(φ340*500mm)
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

Class N Autoclave

STB-N18A   STB-N23A

CE

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	2.2kw
Voltage	AC220/110V,50/60Hz	
Design pressure	0.25MPa	
Design temperature	139℃	
Rated working pressure	0.22MPa	
Rated working temperature	134℃	
Chamber volume(mm)	Ø250*370	Ø250*452
Outer dimension(mm)	500*400*350	600*400*350
Package Dimension(W*D*H) (mm)	590*480*420	710*480*450
N.W. / G.W. (kg)	About 24/28	About 27/32

Class N Autoclave

CE

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

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.

◆ *Optional external printer

◆ *Optional automatic water inlet function

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 220V、50HZ			
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)	Ø350*400	Ø350*525	Ø400*625	Ø450*650
Basket dimension (mm)	Ø320*350	Ø320*240*2	Ø360*280*2	Ø410*300*2
Outer dimension (mm)	698*498*940	630*500*1180	725*525*1170	788*588*1255
Package Dimension(W*D*H)(mm)	760*610*1260	800*620*1260	840*610*1310	870*650*1380
N.W. / G.W. (kg)	110/143	112/145	114/166	129/179

Class N Autoclave

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

CE

STV-30I

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

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℃		
Temperature Accuracy	±1℃		
Sterilization time setting range	4~120 min		
Chamber volume(mm)	Ø300*500	Ø350*525	Ø400*625
Bucket dimension(mm)	Ø280*400	Ø320*240*2	Ø360*280*2
Basket dimension(mm) (optional)	/	Ø320*240*2	Ø360*280*2
Outer dimension(mm)	400*400*860	480*480*960	525*525*1060
Package Dimension (W*D*H)(mm)	570*520*1020	680*630*1200	680*630*1190
G.W. (kg)	76	86	94

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℃		
Temperature Accuracy	±1℃		
Sterilization time setting range	4~120 min		
Chamber volume(mm)	Ø450*650	Ø450*760	Ø500*780
Bucket dimension(mm)	Ø410*300*2	/	/
Basket dimension(mm) (optional)	Ø410*300*2	Ø410*350*2	Ø460*350*2
Outer dimension(mm)	555*555*1080	555*599*1200	605*649*1210
Package Dimension (W*D*H)(mm)	660*700*1240	700*670*1340	710*760*1400
G.W. (kg)	115	130	130

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

Class N Autoclave

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

CE

Features

◆ 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

◆ Multi-function automatic with drying

◆ 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.

◆ *Optional automatic water inlet function

Specifications

Model	STV-35III	STV-50III	STV-75III	STV-100III
Volume	35L	50L	75L	100L
Power	3.5kW	3.5kW	4.5kW	4.5kW
Voltage	AC 220V、50HZ			
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)	Ø350*400	Ø350*525	Ø400*625	Ø450*650
Bucket dimension(mm)	Ø330*320	Ø320*240*2	Ø360*280*2	Ø410*300*2
Basket dimension(mm)(optional)	Ø320*350	Ø320*240*2	Ø360*280*2	Ø410*300*2
Outer dimension(mm)	480*480*1000	480*480*1120	525*525*1190	550*550*1250
Package Dimension(W*D*H)(mm)	580×630×1130	580×630×1230	630*680*1340	700*650*1420
N.W. / G.W. (kg)	58/100	80/130	90/120	106/160

Class N Autoclave

CE

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

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.

◆ *Optional automatic water inlet function

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℃			
Temperature Accuracy	±1℃			
Sterilization time setting range	4~120 min			
Chamber volume (mm)	Ø350*400	Ø350*525	Ø400*625	Ø450*650
Bucket dimension(mm)	Ø330*320	Ø320*240*2	Ø360*280*2	Ø410*300*2
Basket dimension（optional）(mm)	Ø320*350	Ø320*240*2	Ø360*280*2	Ø410*300*2
Outer dimension(mm)	480*480*1000	480*480*1120	525*525*1190	555*555*1250
Package Dimension(W*D*H)(mm)	580*630*1130	650*600*1260	630*680*1350	710*660*1420
N.W. / G.W. (kg)	58/90	85/107	90/138	106/150

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-35LD   STV-50LD   STV-75LD   STV-100LD   STV-120LD   STV-150LD

CE

Features

◆ LED display automation.

◆ High quality stainless steel material.

◆ Digital display of working status and touch buttons.

◆ Automatic discharge of cold air, automatic steam exhaust after sterilization.

◆ Buzzer reminder after sterilization, automatic stop.

◆ Equipped with double-layer stainless steel basket.

◆ Simple operation, safe and reliable.

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 and other units.

Specifications

Model	STV-35LD	STV-50LD	STV-75LD	STV-100LD	STV-120LD	STV-150LD
Volume	35L φ318*450mm	50L φ340*550mm	75L φ400*600mm	100L φ440*650mm	120L φ480*660mm	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℃			
Temperature Uniformity	≤±0.1℃		≤±0.1℃			
Temperature Range	105~134℃		105~134℃			
Timing Range	0~99min or 0~99 hour 59min		0~99min or 0~99 hour 59min			
Electricity	AC 220V/50Hz		AC 220V/50Hz			
Power	1*2.5kW	2*1.5kW	3*1.5kW	3*1.5kW	3*2.0kW	3*2.0kW
External Dimension(W*D*H)	470*450*840mm	520*500*970mm	550*530*990mm	580*560*1060mm	630*610*1130mm	660*640*1130mm
N.W. / G.W.	47kg/64kg	56kg/77kg	70kg/90kg	76kg/98kg	103kg/125kg	111kg/138kg
Package Dimension (W*D*H)	540*540*1000mm	580*580*1130mm	610*610*1160mm	640*640*1220mm	690*690*1290mm	730*730*1290mm

Class N Autoclave

STV-35HD   STV-50HD   STV-75HD   STV-100HD

CE

Features

◆ Hand wheel translation and quick opening structure.

◆ High quality stainless steel material.

◆ Safety interlocking device.

◆ LCD display working status, touch buttons.

◆ Automatic discharge of cold air, automatic steam exhaust after sterilization.

◆ Over-temperature and over-pressure automatic protection, water cut-off protection control, and self-expanding seal.

◆ Buzzer reminder after sterilization, automatic stop.

◆ Equipped with double-layer stainless steel basket.

◆ Optional drying system.

◆ 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.

Specifications

Model	STV-35HD	STV-50HD	STV-75HD	STV-100HD
Volume	35L (φ318*450mm)	50L(φ340*550mm)	75L(φ400*600mm)	100L(φ440*650mm)
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 or 0~99hour59min			
Electricity	AC 220V/50Hz			
Power	1×2.5kW	2×1.5kW	3×1.5kW	
External Dimension(W*D*H)	470*450*1020 mm	520*490*1150 mm	550*530*1180 mm	580*560*1290mm
N.W. / G.W.	65kg/84kg	78kg/97kg	97kg/115kg	109kg/135kg
Package Dimension (W*D*H)	540*540*1160 mm	580*580*1280 mm	610*610*1320 mm	640*640*1400mm

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.

Class N Autoclave

STV-35HG   STV-50HG   STV-75HG   STV-100HG

CE

Features

◆ Fully automatic circulation, specifically used for clinical laboratory.

◆ Hand wheel translation and quick opening structure.

◆ High quality stainless steel material.

◆ Safety interlocking device.

◆ LCD display working status, touch buttons.

◆ Over-temperature and over-pressure automatic protection function.

◆ It has a steam-water internal circulation system and a built-in exhaust cooling system to avoid the generation of aerosols, and doesn't discharge steam to the outside, ensuring a clean and dry environment.

◆ Self-expanding seal, water cut-off protection control.

◆ Buzzer reminder after sterilization, automatic stop.

◆ Equipped with double-layer stainless steel basket; Optional drying system.

◆ The addition of high-efficiency filters in the exhaust system can ensure the safety of the environment and operators.

◆ 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.

Specifications

Model	STV-35HG	STV-50HG	STV-75HG	STV-100HG
Volume	35L(φ318*450mm)	50L(φ340*550mm)	75L(φ400*600mm)	100L(φ440*650mm)
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 or 0~99hour59min			
Electricity	AC 220V/50Hz			
Power	1×2.5kW	2×1.5kW	3×1.5kW	
External Dimension(W*D*H)	710*490*1150 mm	710*490*1150 mm	750*510*1250 mm	750*510*1250 mm
N.W. / G.W.	95kg/120kg	100kg/124kg	111kg/137kg	129kg/155kg
Package Dimension (W*D*H)	740*550*1310 mm	740*550*1310 mm	780*600*1420 mm	780*600*1420 mm

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 suitable for sterilization of instruments, dressings, utensils, liquids, culture media, waste, etc. in P2 biological laboratories and blood stations in hospitals, disease control centers, scientific research institutes.

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-F50L	STV-F75L
	STV-F30LA	STV-F50LA	STV-F75LA
Volume	30L(φ350*400mm)	50L(φ350*550mm)	75L(φ350*700mm)
Basket Dimension(D*H mm)	335*190mm	335*190(*2)mm	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

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.

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.

Specifications

Model	STV-J60L	STV-J80L
Volume	60L	80L
Configuration	Standard	Standard
Sterilization Chamber Dimension	φ355*550mm	φ355*700mm
Basket Dimension	335*190(*2) 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*1005 mm	530*620*1155mm
Gross Weight	98kg	110kg
Package Dimension	790*670*1160 mm	790*670*1320mm

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*190(*2) 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-M60L	STV-M80L
	STV-M40LA	STV-M60LA	STV-M80LA
Volume	40L(φ350*400mm)	60L(φ350*550mm)	80L(φ350*700mm)
Basket Dimension(D*H)	335*190mm	335*190(*2)mm	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

STV-X30L STV-X30LA STV-X50L STV-X50LA STV-X75L STV-X75LA

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). Hand-wheel type rotary sealing structure is adopted to make it easy to use, safe and reliable.

Specifications

Model	STV-X30L STV-X30LA	STV-X50L STV-X50LA	STV-X75L STV-X75LA
Volume	30L(φ350*400mm)	50L(φ350*550mm)	75L(φ350*700mm)
Basket Dimension (D*H)	335*190mm	335*190(*2)mm	335*190(*3)mm
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	0.142MPa	0.142MPa	0.142MPa
Temp. Setting Range	50~126℃	50~126℃	50~126℃
Electricity	220V/3.5kW	220V/3.5kW	220V/3.5kW
External Dimension	670*580*1230mm	670*580*1230mm	670*580*1410mm
Gross Weight	95kg/97kg	99kg/101kg	108kg/112kg
Package Dimension	810*670*1260mm	810*670*1260mm	810*670*1410mm

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

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

CE

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 Volume	150L φ440×1000mm	200L φ515×1000mm	280L φ600×1000mm	400L Φ700×1100mm	500L Φ700×1300mm
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 50Hz	9KW/380V 50Hz	12KW/380V 50Hz	18KW/380V 50Hz	18KW/380V 50Hz
Package	1400×600×1300	1400×670×1650	1400×770×1780	1430×880×1830	1800×900×1820
Package Dimension (W*D*H) (mm)	1570*750*1850	1560×820×1850	1680×920×1950	1600×1050×2050	1850×1050×2050
N.W. / G.W. (kg)	320/320	260/350	365/465	420/530	470/580

Class N Autoclave

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

CE

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*1700	1490*690*1700
Chamber Size(Ø*L)mm	φ472*850	φ472*1080
Steam Consumption (kg)	≤12	≤13
Water Consumption(kg)	≤30	≤30
Power(kW)	≤2+⑮	≤2+⑮
N.W. / G.W. (kg)	400/500	450/550
Shipping Dimension (W*D*H) (mm)	1570*840*1850	1740*840*1850

Model	STH-N300D	STH-N400D
Volume（L）	300	400
Overall Dimensions(L*W*H) (mm)	1400*850*1730	1680*850*1730
Chamber Size(Ø*L)mm	φ620*960	φ620*1230
Steam Consumption (kg)	≤18	≤22
Water Consumption(kg)	≤40	≤40
Power(kW)	≤2+⑱	≤2+⑱
N.W. / G.W. (kg)	510/610	650/750
Shipping Dimension (W*D*H) (mm)	1580*970*1960	1870*980*2000

Main Technical Parameter

Model	STH-N150D STH-N200D STH-N300D STH-N400D
Design Pressure	-0.1~0.25MPa
Design Temperature	139℃
Working Pressure	0.225MPa
Working Temperature	105~136℃
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

Pulse Vacuum Autoclave, Vertical Type

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

CE

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

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 220V、50HZ			
Design pressure	0.25Mpa			
Design temperature	139℃			
Rated working pressure	0.22Mpa			
Rated working temperature	134℃			
Sterilization temperature	116℃~134℃			
Temperature Accuracy	±1℃			
Sterilization time setting range	4~120 min			
Drying time setting range	0~240min			
Chamber volume(mm)	Ø350*400	Ø400*505	Ø400*655	Ø450*650
Bucket dimension(mm)	Ø330*320	Ø360*280*1	Ø360*280*2	Ø410*300*2
Basket dimension(optional)(mm)	Ø320*350	Ø360*280*1	Ø360*280*2	Ø410*300*2
Outer dimension(mm)	698*498*940	630*500*1180	725*525*1180	760*560*1260
Packing dimension(L* W* H)mm	790*610*1130	860*620*1340	840*610*1310	870*660*1400
G.W./N.W.	130/115kg	138/118kg	150/151kg	146/132kg

Portable Autoclave

STP-18HDD   STP-24HDD

CE

Features

◆ Electric heating mode.

◆ Quick opening structure.

◆ High quality stainless steel material.

◆ Digital display working status.

◆ Buzzer reminder after sterilization, automatic stop.

◆ Simple operation, safe and reliable.

Application

It is suitable for hospitals, health centers, health centers, factory and mine clinics, scientific research institutions, etc. It can be used to disinfect and sterilize medical equipment, dressings, glassware, solutions, culture media, etc. It can also be used as cooking utensils in plateau areas and for factories and mines to produce high-quality drinking water.

Specifications

Model	STP-18HDD	STP-24HDD
Volume	18L(φ280*260mm)	24L(φ280*390mm)
Rated Working Pressure	0.14~0.16MPa	
Rated Working Temperature	126℃	
Temperature Range	105~126℃	
Timing Range	0~99min	
Max. Safety Pressure	0.165MPa	
Temperature Uniformity	≤±1℃	
N.W. / G.W.	12kg/14kg	14kg/20kg
Package Dimension (W*D*H)	420*420*630mm	780*430*430mm

Portable Autoclave

STP-18LD   STP-24LD

CE

Features

◆ Electric heating mode.

◆ High quality stainless steel material.

◆ Dual scale reading pressure gauge.

◆ Simple operation, safe and reliable.

Application

It is suitable for hospitals, health centers, health centers, factory and mine clinics, scientific research institutions, etc. It can be used to disinfect medical equipment, dressings, glassware, solutions, culture media, etc. It can also be used as cooking utensils in plateau areas and for factories and mines to produce high-quality drinking water.

Specifications

Model	STP-18LD	STP-24LD
Volume	18L(φ280*260mm)	24L(φ280*390mm)
Rated Working Pressure	0.14~0.16MPa	
Rated Working Temperature	126℃	
Max. Safety Pressure	0.165MPa	
Temperature Uniformity	≤±1℃	
Electricity	AC 220V/ 50Hz, 2kW	
N.W. / G.W.	16kg/18kg	17kg/19kg
Package Dimension (W*D*H)	410*410*520mm	410*410*630mm

Portable Autoclave

STP-18LM   STP-24LM

CE

Features

◆ Electric or LPG heating mode.

◆ High quality stainless steel material.

◆ Dual scale reading pressure gauge.

◆ Simple operation, safe and reliable.

Application

It is suitable for hospitals, health centers, health centers, factory and mine clinics, scientific research institutions, etc. It can be used to disinfect medical equipment, dressings, glassware, solutions, culture media, etc. It can also be used as cooking utensils in plateau areas and for factories and mines to produce high-quality drinking water.

Specifications

Model	STP-18LM	STP-24LM
Volume	18L(φ280*260mm)	24L(φ280*390mm)
Rated Working Pressure	0.14~0.16MPa	
Rated Working Temperature	126℃	
Max. Safety Pressure	0.165MPa	
Electricity	AC 220V, 50Hz, 2kW	
N.W. / G.W.	14kg/16kg	15kg/17kg
Package Dimension (W*D*H)	410*410*430mm	410*410*550mm

Portable Autoclave

STP-39LM

CE

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.

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.

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	2.0KW	2.0KW
Voltage	AC220/110V,50/60Hz	
Rated working pressure	0.142MPa	
Rated working temperature	126℃	
Temperature Accuracy	±1℃	
Chamber volume	Ø280×295	Ø280×390
N.W. / G.W. (kg)	14/15	16/17.5
Shipping Dimension (W*D*H) (mm)	420*420*420	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	126℃	
Temperature Accuracy	±1℃	
Chamber volume(mm)	Ø280×295	Ø280×390
N.W. / G.W. (kg)	17/18	17/20
Package Dimension (W*D*H) (mm)	420*420*580	430*430*700

Portable Autoclave

STP-M18　　STP-M24

CE

Features

◆ High quality stainless steel material

◆ Simple operation, safe and reliable

◆ Self inflating type seal

◆ Electric heating mode

◆ Double scale indication pressure gauge

Specifications

Model	STP-M18	STP-M24
Volume	18L	24L
Power	2.0kW	2.0kW
Voltage	AC220V,50/60Hz	
Rated working pressure	0.142MPa	
Rated working temperature	126℃	
Temperature Accuracy	±1℃	
Chamber volume	Ø280×295	Ø280×295
Shipping Dimension (W*D*H) (mm)	420×420×570	420×420×700
N.W. / G.W. (kg)	16/17	18/19

Portable Autoclave

STP-A18L   STP-A24L   STP-A30L

CE

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

CE

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	825ºC ± 25ºC	825ºC ± 25ºC
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

Glass Bead Sterilizer

BGS-300H   BGS-300L

CE

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 300ºC)	≤25mins(RT. To 300ºC)
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

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 º 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 º C ~ + 40 º 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

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.

Sterilizing Oven

DOF-HAS30E   DOF-HAS-45E   DOF-HAS65E
DOF-HAS85E   DOF-HAS125E   DOF-HAS230E

CE

Features

◆ horizontal air circularly by double air ducts, high efficiency and high uniformity.
◆ PID controller, with over-temperature protection function.
◆ With fan switch, LED digital display, high temperature blast motor.
◆ New anti-hot handle.
  DOF-HAS series have the following characteristics
  other than the above functions.
◆ LCD temperature controller. SSR to make sure the safety.
◆ 4 gears speed fan, adjustable for different requirements.
◆ Over-temperature protection system.
◆ Independent temperature limiter.
◆ 304: SUS304 Stainless Steel Body.

DOF-HAS30E   DOF-HAS-45E   DOF-HAS65E
DOF-HAS85E   DOF-HAS125E

DOF-HAS230E

Specifications

Model			DOF-HAS30E	DOF-HAS45E	DOF-HAS65E	DOF-HAS85E	DOF-HAS125E	DOF-HAS230E
Cycle Mode			Forced convection					
Function	Temp. Range		RT+10-300℃					
	Temp. Resolution Ratio		0.1℃					
	Temp. Fluctuation		±1℃					
	Temp. Uniformity		±2.5%					
Structure	Inner Chamber		Mirror Stainless Steel					
	Outside Material		Cold rolling steel electrostatic spraying exterior					
	Insulation Layer		High quality rock wool board（with CE）					
	Heater		304 stainless steel heater					
	Power Rating		0.8kW	1.2kW	1.6kW	2.0kW	2.3kW	3.0kW
	Exhaust Hole		Φ35mmtop(with function of test hole）					
Controller	Temp. Control Mode		Two temperature section PID intelligent					
	Temp. Setting Mode		Touch button setting					
	Temp. Display Mode		DOF-HAS-E model: measure the temperature and display on the upper row of four digit nixie tube; Set temperature: four digit nixie tube lower display					
	Timer		0-9999min(with timing wait function)					
	Operation Function		Fixed temperature operation, timing function, auto stop.					
	Additional Function		DOF-HAS-E model: Mechanical independent temperature limiter, 3grade adjustable speed fan (GX230BE without fan speed adjustor),sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory					
	Sensor		Pt100					
Specification	Inner Chamber Size(W×L×H)(mm)		310×310×310	350×350×350	400×360×450	450×420×450	500×450×550	600×500×750
	Exterior Size (W×L×H)(mm)		460×510×695	500×550×735	550×550×840	590×610×830	636×680×915	730×835×1250
	Package Dimension(W*D*H)(mm)		580×540×84ZZ	590×620×910	640×635×985	710×700×1010	740×725×1085	890×870*1290
	Volume		30L	45L	65L	85L	125L	230L
	Shelf Number(Max.)		5	6	8	8	11	17
	Load Per Rack		15kg					
	Shelf Space		35mm					
	Current Rating (50/60Hz)		AC220V/3.6A	AC220V/5.5A	AC220V/7.2A	AC220V/9.0A	AC220V/10.5A	AC220V/13.6A
	N.W./G.W.(kg)		33/40	37/43	44/49	50/56	60/66	94/120
Standard Accessories	Shelf		2					
	Shelf Frame		4					
Optional Accessory			Shelf					

Sterilizing Oven

**DOF-HAS20A   DOF-HAS50A   DOF-HAS70A
DOF-HAS100A   DOF-HAS200A**

CE

**DOF-HAS20A   DOF-HAS50A
DOF-HAS100A   DOF-HAS200A**

DOF-HAS70A

Features

Energy saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.

Intelligent LCD control

Large-screen LCD display, real-time display of parameters, self-locking function of screen, convenient menu-type operation interface, simple and convenient operation, and can quickly set temperature and time parameters.

Running function: fixed value running, timing running; The screen will display "END" with a beeping reminder after the running time is completed.

Program control instruments can be added, and up to 30 programs can be set to control temperature and time. Each program can be set for 1-99 hours and 59 minutes.

Internal circulation system

Adopts high-quality fan and large impeller fan, the machine has higher ventilation efficiency and better temperature uniformity.

The circulation system adopts the back suction and the bottom vertical air supply mode.

Better ventilation and temperature uniformity.

Dedicated sheet metal processing

The box body is formed in one step by laser cutting.The outer box is made of high-quality cold-rolled steel plate with anti-static spray coating on the surface, and the inner tank is made of high-quality brushed stainless steel.

The shelf is made of high-quality stainless steel, and a load-bearing beam can be added at the bottom of the shelf to increase the load-bearing capacity.

The shelves are designed with sliding bayonet to prevent tilting and misalignment.

The inner tank is designed with large arc corners, no dead corners, and easy to clean and maintain.

Stainless steel wire drawing treatment with strong corrosion resistance.

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm.

Built in tempered and double-layer observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.

Self-diagnosis function: display fault information, which is convenient for judging the fault point.

The insulation material is made of high-quality aluminum silicate cotton, and the insulation layer of the chamber is thickened to ensure a lower temperature on the surface of the chamber and safer operation.

Internal limited temperature control sound alarm system, the heating stops working when the temperature limit is exceeded, and the sound automatically alarms when the alarm temperature is exceeded.

High or low temperature and over-temperature alarm.

SAFETY

Description

It uses high-temperature dry heat to oxidize microorganisms, denature proteins, and cause poisoning due to electrolyte concentration. The main one is to destroy the cell protoplasm through oxidation, so that the microorganisms die, so all microorganisms can be killed within a certain heating time.

Specification

Model	DOF-HAS20A	DOF-HAS50A		DOF-HAS70A	DOF-HAS100A	DOF-HAS200A
Capacity(L)	34	51		70	138	188
Circulation	Forced air convection	Forced air convection		Forced air convection	Forced air convection	Forced air convection
Dimension (W*D*H) — Internal (mm)	340*320*320	420*350*350		400*360*500	550*450*560	600*550*570
Dimension (W*D*H) — External (mm)	630*570*500	760*640*640		540*550*870	845*700*730	890*730*780
Temperature — Range (℃)	RT+10-250			RT+10-250		
Temperature — Fluctuation(℃)	±0.5			±0.5		
Temperature — Resolution(℃)	0.1			0.1		
Temperature — Uniformity (℃)	±2.5%			±2.5%		
Temperature — Sensor	PT100			PT100		
Controller	PID			PID		
Display	LCD			LCD		
Timer(min)	1-9999			1-9999		
Material — Internal	Stainless steel			Stainless steel		
Material — External	High-quality cold-rolled steel plate surface anti-static spraying			High-quality cold-rolled steel plate surface anti-static spraying		
Shelves	2			2		
Safety Device	Leakage protector/Over- temperature alarm			Leakage protector/Over- temperature alarm		
Electricit — Voltage/Frequency(V/Hz)	AC 220/110V,50/60Hz			AC 220/110V,50/60Hz		
Electricit — Consumption(W)	500	750		1050	1500	2000
N.W./ G.W.(kg)	27/30	42/57		55/61	70/88	86/107
Package Dimension (W*D*H) (mm)	770*680*580	830*710*700		650*640*1030	810*900*960	990*860*940
Optional	Intelligent touch screen with program setting and data storage functions Printer or RS 485 port (choose one), independent temperature limit controller, test hole			Intelligent touch screen with program setting and data storage functions Printer or RS 485 port (choose one), independent temperature limit controller, test hole		
Standard	Shell:Laser operation Inner tank: high quality brushed stainless steel Fan: high quality fan Heating pipe: high quality stainless steel heating pipe Insulation: High-quality aluminum silicate silk cotton six-sided insulation Electrical appliances: Leakage protector Temperature control: with PID, timing, self-tuning, thyristor, LCD display			Shell:Laser operation Inner tank: high quality brushed stainless steel Fan: high quality fan Heating pipe: high quality stainless steel heating pipe Insulation: High-quality aluminum silicate silk cotton six-sided insulation Electrical appliances: Leakage protector Temperature control: with PID, timing, self-tuning, thyristor, LCD display		

Hydrogen Peroxide Plasma Sterilizer

STV-100   STV-130   STV-220

CE

Microcomputer control, touch operation, automatic lift door.

Product description

The low temperature hydrogen peroxide plasma sterilizer is suitable for rapid sterilization of various medical surgical instruments in hospital operating rooms and disinfection supply centers.

The low-temperature hydrogen peroxide plasma sterilizer generates plasma through the action of high-frequency electric field in the disinfection chamber under low temperature and vacuum state, in which the active substance chemically reacts with the protein and nucleic acid in the microorganism, destroying the microorganism and disturbing the microorganism the survival function, and then use H_2O_2 as a medium to act on the microbial cells to further kill the microorganisms.

Items and materials that can be sterilized

Hysteroscope, laparoscope, laryngoscope, probe, rigid endoscope, flexible endoscope, ophthalmic lens, fiber optic cable, intracranial pressure sensor, cryotherapy probe, prostatectomy device, esophagus dilator, electrocautery instrument, Vibration motor, laser head, metal, glass, silicone, rubber, etc.

Consumables:

Hydrogen peroxide sterilant, plasma biological indicator, plasma chemical indicator card (label), plasma indicator tape, non-woven fabric, plasma medical packaging bag, etc.

Specifications

Model	STV-100	STV-130	STV-220
Effective Volume	108L	135L	192L
Product form	Automatic door vertical		
Heating method	Electric heating		
Working temperature	40-60 ℃		
Select sterilizer	58%-60% hydrogen peroxide (H_2O_2)		
Sterilization time	30-60 minutes		
Installation environment	10-40℃		
Temperature display	LCD touch screen		
Maximum anti-stress value	≤5Pa		
Operation height	≤160cm.		
Power	AC220V, 50Hz		
Dimensions(W×L×H)(mm)	1105×790×1765		
Liner size(W×L×H)(mm)	700 × 430 × 360	750 × 450 × 400mm	820 × 510 × 460mm
Package Dimension (W*D*H)(mm)	1300 × 920× 1950	1300× 920 × 1950	1300 × 920 × 1950
Power	3.5KVA	4.2KVA	4.8KVA
N.W. / G.W. (kg)	265/315	272/320	305/355

Technical advantages

Sterilization and stability

The sterilization room is made of aluminum, which has the properties of anti-corrosion and fast heat conduction, which makes the temperature of the sterilization room more balanced and ensures that the H_2O_2 remains full and gaseous throughout the whole process. The hydrogen peroxide low-temperature storage system ensures that the concentration of hydrogen peroxide is stable and effective, and does not volatilize.

Low temperature sterilization:

Sterilization temperature is 50℃±5℃, low temperature without humidity, no damage to sterilized items and instruments.

Green and pollution-free:

The sterilant uses hydrogen peroxide solution, no toxic substances remain, no drainage or exhaust, and no damage to the operator's body. There are filters at the air inlet and exhaust port, which can fully absorb the H_2O_2 removed during the vacuum residue removal process. No pollution to the environment.

High sterilization efficiency:

The design of the rectangular sterilization chamber makes it more convenient to load more instruments at one time, which improves the usable space of the sterilization chamber.

The safety and stability of the sealed door:

The electric lift door is used, which runs smoothly and has a safety interlock device to avoid potential safety hazards caused by misoperation of equipment and operators.

Safe operation is simple:

Adopt high-intelligent control processor, one-key start, convenient operation, and it can be used after power on.

Save time and money:

The sterilization cycle is short, sterilization is completed within 55 minutes, and it can be used directly without any treatment. The cost of each sterilization is low, which can improve the turnover rate of sterilized instruments and reduce costs.

U disk storage function:

The disk capacity is ≥8G, and it can store and record ≥1 million sterilization data. The stored information includes program serial number, sterilization date, sterilization pot times, sterilization start and end time, and pressure, temperature, stage time and end of the sterilization process status, etc.

Configuration:

The selected configuration has smooth compatibility. Control system, vacuum pump, pressure sensor, solenoid valve and other key hardware are all good components. Diversified program selection, control system can be maintained.

The air inlet is equipped with a sterile filter:

It can effectively filter germs and microorganisms to avoid secondary pollution when discharging residues.