

Hefei Sada Medical Equipment Co.,Ltd

Autoclave Machine Medical CSSD
Equipments Manufacturer



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01

Company Overview

ABOUT OUR BUSINESS



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Brief Introduction

Hefei SADA Medical Equipment Co.,Ltd.is a professional high-tech enterprise,incorporating research,manufacturing,distribution of sterilization equipment and laboratory equipment, located in Hefei City,Anhui Province,China.

At present,SADA has two producing zones,covering the area of 40 acres and the building area of 30000 m2.The main products:portable steam autoclave,table top pressure steam autoclave,vertical pressure steam autoclave,horizontal pressure steam autoclave,pulse vacuum autoclave,super water autoclave,ampoule leak autoclave.h2o2 low temperature plasma sterilizer,gas ethylene oxide sterilizer and other related medical disposables.It can meet the needs of pharmaceutical,lab,hospital,food,biotechnology for different products. And we can provide DQ,IQ,OQ,PQ,FAT and SAT documents for verification.Meanwhile, we can design and manufacture the special requested products for customer.Installation, testing,GMP confirmation and staff training also can be supplied.

All the products from SADA,are strictly treated according to quality control system,such as CE,ISO9001,ISO13485.To supply the"zero-defect"units with comprehensive,thoughtful and sincere service is our final target goal

For the honor and commitment,we strive to do better.

OVERALL SOLUTION FOR

MEDICAL STERILIZATION & DISINFECTION





02

Product Description

ABOUT OUR BUSINESS

Horizontal Pulse Vacuum Autoclave

HA-BV Series:250L-3000L



Features:

1. Adopts the programmable controller (Siemens PLC) to control the entire cycle, and also
2. with manual operation and automatic operation modes for choosing
3. Piping system: Adopt with the reliable Germany Burket or GEMU pneumatic angle type valve, water ring vacuum pump
4. 0.22 μ m high efficiency sterile medical grade filters.
5. The chamber and the steam piping system is made of high quality stainless steel.
6. All alarm and technical figures can be recorded and printed
7. If pressure of inner chamber is higher than standard, door will not open
8. Operating authority is divided into three levels: Manager, technologist, operator.

Specifications:

- Working pressure: 0.22Mpa
- Working temperature: 134 $^{\circ}$ C
- Adjustment of temperature: 105~134 $^{\circ}$ C
- Timer: 0~99min
- Power: 12-16KW/AC220V 50HZ
- EO gas: 80%EO+20%CO₂ blend EO gas
- Gas Consumption: 1kg/cbm
- Volume: From 250L to 3000L, Double Door or Single Door

Horizontal Cylindrical Pulse Vacuum Autoclave

HA-BAV Series:100L-300L

Features:

1. Automatically controlled the sterilizing process, easy to operate.
2. It has three times or more pulsating vacuum. It is suitable for all kinds of packed, non packed, hollow porous and internal pipeline instruments.
3. The sterilizer is equipped with a steam generator, and one set of movable sterilization plate is randomly adapted.
4. The inner cavity of the sterilizer is a circular double-layer design, which is composed of a sterilization chamber and a jacket, and has the function of deep drying.
5. With printing function, the printer can record the whole process of sterilization.
6. With Bowie & Dick test function for steam penetration test.
7. With 7-in color touch screen, easy to operate and can display time, pressure, temperature etc.
8. With more than 6 types sterilization programs, the user can choose the program according to the objects will be sterilized.
9. With over-temperature, over-pressure auto-protect.
10. Safety interlock device: when the door is not closed tightly, steam can not enter the main body of the inner layer and give an alarm. When the pressure in the sterilization room is greater than 0.027mpa, the door is interlocked and cannot be opened.
11. Over-pressure protection: when the pressure exceeds the working pressure, the safety valve will automatically relieve the pressure

Specifications:

- Working pressure: 0.22Mpa
- Working temperature: 134℃
- Adjustment of temperature: 105~134℃
- Timer: 0~99min
- Power: 12-16KW/AC220V 50HZ



Vertical Pressure Steam Autoclave VA-SVN(Fully Automatic)

Features:

- 1.7"capacitive touch screen,fully automatically controlled,easy to operate on.
- 2.Elevating type door,which is more convenient to place and fetch the objects from the autoclave.
- 3.The whole procedure from water inlet,pulse vacuum,heat,sterilizing,water outlet, exhausting to vacuum drying,which are all automatically by one-key operation.
- 4.Pulse vacuum,the limit is-0.080Mpa,which ensure the sterilizing more completely
- 5.Separated steam generator,which is more energy saving by comparing to the normal heating and prevent the sterilizing objects from been oxidized.
- 6.There are several programs loaded in the autoclaves for different requirement of different objects
- 7.With PT-TT testing port,easy to run the testing
- 8.Equipped with Germany SARTORIUS Sterile ventilation filter MIDISART 20000.2 um,which ensure the air is sterile,prevent the contamination.
- 9.Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry.

Specifications:

- Capacity:60L,80L,100L,120L
- Max.Working pressure:0.23Mpa
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:0~134℃
- Timer:0-99 min
- Power:3-3.6KW



Vertical Pressure Steam Autoclave VA-SA(Fully Automatic)

Features:

- 1.Fully stainless steel structure.
- 2.Hand wheel type of quick-open door structure.
- 3.Door safety lock system.
- 4.Automatically controlled by computer
- 5.Digital display of working status,touch type key.
- 6.Over temperature and over pressure auto-protection.
- 7.Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry.
- 8.Safe protection of water lacking.
- 9.Self-inflating type seal.
- 10.Automatically shut off with beep reminding after sterilization.
- 11.With two stainless steel sterilizing baskets.
- 12.With drying system.

Specifications:

- Capacity:35L,50L,75L,100L
- Max.Working pressure:0.23Mpa
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:0~134℃
- Timer:0-99min or 0-99h 59min
- Power:2.5-4.5KW



Vertical Pressure Steam Autoclave

VA-SD(Digital Display)



Features:

- 1.Fully stainless steel structure.
- 2.Hand wheel type of quick-open door structure.
- 3.Door safety lock system.
- 4.Digital display of working status,touch type key.
- 5.Auto discharge the cool air,and steam discharging automatically after sterilizing.
- 6.Over temperature and over pressure auto-protection.
- 7.Safe protection of water lacking.
- 8.Self-inflating type seal.
- 9.Automatically shut off with beep reminding after sterilization.
- 10.With two stainless steel sterilizing baskets.
- 11.Possible to install drying system according request.

Specifications:

- Capacity:35L,50L,75L,100L
- Max.Working pressure:0.23Mpa
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:105~134℃
- Timer:0-99min or 0-99h 59min
- Power:2.5-4.5KW

Vertical Pressure Steam Autoclave

VA-FD(Digital Display)



Features:

1. Fully stainless steel structure.
2. Digital display of working status, touch type key.
3. Auto discharge the cool air, and steam discharging automatically after sterilizing.
4. Over temperature and over pressure auto-protection.
5. Safe protection of water lacking.
6. Automatically shut off with beep reminding after sterilization.
7. With two stainless steel sterilizing baskets.
8. Drying device is optional.

Specifications:

- Capacity: 35L, 50L, 75L, 100L, 120L, 150L
- Max. Working pressure: 0.23Mpa
- Working pressure: 0.22Mpa
- Working temperature: 134℃
- Adjustment of temperature: 105~134℃
- Timer: 0-99min or 0-99h 59min
- Power: 2.5-6KW

Vertical Pressure Steam Autoclave

VA-SV(Pulse Vacuum)

Features:

- 1.Computer controlled,LCD display of working statues,touch key.
- 2.Dynamically shows the temperature,pressure,time and vacuum rate,and the full cycle.
- 3.Fully automatically route for water inlet,pulse vacuum,heating,sterilizing,draining,exhausting,vacuum drying.
- 4.3 times pulse vacuum,which make the vacuum rate as -0.081 Mpa,and ensure the high extracting of inner air from dressing,A,B type hollowed appliance.
- 5.With 4 fixed program for appliance,medical dressing,rubbers and fluid,and the user can also set the program as they need.
- 6.Equipped with the PY/TT testing connector,easy to run the testing.
- 7.Multiple pulse vacuum drying after sterilizing,ensure the nice sterilizing.
- 8.Equipped with 0.22 μ m bacteria filter,ensure the sterile air enter the inner vacuum environment,avoid the second contamination.
- 9.Hand wheel type of quick-open door structure,self-inflating type seal.
- 10.Adopted with immersed heating,with high heating efficiency.
- 11.Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry.
- 12.Automatically shut off with beep reminding after sterilization.
- 13.Fully high quality stainless,equipped with double stainless steel baskets.

Specifications:

- Capacity:35L,50L,75L,100L
- Max.Working pressure:0.23Mpa
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:105~134℃
- Timer:0-99min
- Power:2.5-4.5KW



Vertical Pressure Steam Autoclave

VA-SJ(hand round automatic)



Features:

- 1.Fully stainless steel structure
- 2.Hand wheel type of quick-open door structure
- 3.Pressure safety lock
- 4.Indicator light indicates working state
- 5.Over temperature & over pressure auto-protection
- 6.Double scale indication pressure gauge
- 7.Self inflating type seal
- 8.Safe protection of water lacking
- 9.Automatically shut off with beep reminding after sterilization
- 10.Easy to operate,safe and reliable
- 11.With two stainless steel sterilizing baskets

Specifications:

- Capacity:35L,50L,75L,100L
- Max.Working pressure:0.23Mpa
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:105~134℃
- Timer:0-60min
- Power:2.5-4.5KW

Vertical Pressure Steam Autoclave

VA-FJ(Indicator Light Display)



Features:

- 1.Indicator light indicates working state
- 2.Over-temperature & over-pressure auto-protection device
- 3.Double scale indication pressure gauge
- 4.Safe protection of water lacking
- 5.With the below exhaust structure, which is convenient to exhaust the cold air
- 6.Automatically shut off with beep reminding after sterilization
- 7.Fully stainless steel structure
- 8.Easy to operate, safe and reliable
- 9.With two stainless steel sterilizing baskets

Specifications:

- Capacity: 35L, 50L, 75L, 100L, 150L
- Max. Working pressure: 0.23Mpa
- Working pressure: 0.22Mpa
- Working temperature: 134℃
- Adjustment of temperature: 105~134℃
- Timer: 0-60min
- Power: 2.5-6KW

Vertical Pressure Steam Autoclave

SD-LSB

Features:

- 1.Bolt structure
- 2.High quality stainless steel materia
- 3.Microcomputer automatic control,arbitrary set of sterilization
- 4.parameters
- 5.Safety interlocking device
- 6.Digital display and touch buttons
- 7.Standard test interface
- 8.Self-expanding seal
- 9.The container with automatic protection function:over temperature protection;over pressure protection self discharge;low water level protection,anti dry burning
- 10.With stainless steel bucket or basket
- 11.Buzzer reminder after sterilization,automatic stop.Automatic cooling air,sterilization end automatic exhaust steam
- 12.*Optional external printer

Specifications:

- Capacity:35L,50L,75L,100L,150L
- Voltage:AC 220V、50HZ
- Rated working pressure:0.22Mpa
- Rated working temperature:134℃
- Sterilization temperature:50℃~134℃
- Sterilization time setting range:4~120 min



Portable Pressure Steam Autoclave

PA-ND(Digital display)



Features:

1. Fully stainless steel structure.
2. Hand wheel type of quick-open door structure.
3. Digital display of working status, touch type key.
4. Automatically shut off with beep reminding after sterilization.
5. The panel which reports temperature, pressure, time, low-water level and system errors.
6. Easy to operate, safe and reliable.

Specifications:

- Capacity: 18L, 24L
- Max. Working pressure: 0.165Mpa
- Working pressure: 0.14-0.16Mpa
- Working temperature: 126℃
- Adjustment of temperature: 105~126℃
- Timer: 0-99min
- Power: 2KW

Portable Pressure Steam Autoclave

PA-AM



Features:

1. Fully SUS304 structure.
2. Double scale indication pressure gauge.
3. Electric heated
4. Easy to operate, safe and reliable.

Specifications:

- Capacity: 18L, 24L
- Max. Working pressure: 0.165Mpa
- Working pressure: 0.14-0.16Mpa
- Working temperature: 126℃
- Power: 2KW

Portable Pressure Steam Autoclave

PA-BM



Features:

- 1.High quality SUS304 stainless steel OCr18Ni9Ti.
- 2.Electric or LPG heated.
- 3.Working pressure:0.14-0.16Mpa.
- 4.Working temperature:126℃
- 5.Double scale indication pressure gauge.
- 6.Easy to operate,safe and reliable.

Specifications:

- Capacity:18L,24L
- Max.Working pressure:0.165Mpa
- Working pressure:0.14-0.16Mpa
- Working temperature:126℃
- Power:2KW

Table Top Pressure Steam Autoclave

TS-B



Features:

1. Sterilizing course: Automatic sterilization controlled by computer, easy to operate.
2. Maximum temperature: up to 134°C, suit for 4-6 minutes rapidly sterilizing.
3. Safe protection of water lacking.
4. With over-temperature, over-pressure auto-protect device:
5. After sterilization it will automatically cut the power and then alarm.
6. Door safety lock.
7. Fully stainless steel structure.

Specifications:

- Capacity: 16L, 24L
- Working pressure: 0.22Mpa
- Working temperature: 134°C
- Adjustment of temperature: 105-134°C
- Timer: 0-60 min
- Power: 1.5KW

Table Top Pressure Steam Autoclave

TS-AJ

Features:

1. Indicator lights indicates working status, double scale indication pressure and temperature gauge.
2. For 4~6 minutes rapidly sterilizing.
3. Sterilizing temperature and time is pre-set.
4. Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry.
5. Over temperature & over pressure auto-protection.
6. Safe protection of water lacking.
7. Exhaust the cool air automatically.
8. With three stainless steel sterilizing plates.
9. The chamber of the sterilizer is made of stainless steel.
10. Automatically shut off with beep reminding after sterilization finished.

Specifications:

- Capacity: 20L, 24L
- Working pressure: 0.22Mpa
- Working temperature: 134℃
- Adjustment of temperature: 105-134℃
- Timer: 0-60 min
- Power: 1.5KW



Table Top Pressure Steam Autoclave

TS-C

Features:

- 1.Indicator lights indicates working status,double scale indication pressure and temperature gauge.
- 2.For 4~6 minutes rapidly sterilizing.
- 3.Sterilizing temperature and time is pre-set.
- 4.Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry.
- 5.Over temperature &over pressure auto-protection.
- 6.Safe protection of water lacking.
- 7.Exhaust the cool air automatically.
- 8.Door safety lock system.
- 9.With four stainless steel sterilizing plates.
- 10.The chamber of the sterilizer is made of stainless steel.
- 11.Automatically shut off with beep reminding after sterilization finished.

Specifications:

- Capacity:35L,50L
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:105-134℃
- Timer:0-60 min
- Power:2.7KW



Table Top Pressure Steam Autoclave

TS-CD(Digital display)

Features:

- 1.For 4~6 minutes rapidly sterilizing.
- 2.Digital display of working status,touch key
- 3.With 3 fixed sterilizing programs and one adjustable program for user;
- 4.The whole process of water adding,temperature rising,sterilizing,drying steam discharging controlled automatically.
- 5.Steam-water inner circulation system:no steam discharge,and the environment for sterilizing will be clean and dry.
- 6.Exhaust the cool air automatically.
- 7.Safe protection of water lacking.
- 8.Door safety lock system.
- 9.With four stainless steel sterilizing plates.
- 10.The chamber of the sterilizer is made of stainless steel.
- 11.Automatically shut off with beep reminding after sterilization finished.
- 12.With drying function.

Specifications:

- Capacity:20L,24L,35L,50L
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:105-134℃
- Timer:0-99 min
- Power:1.5-2.7KW



Table Top Pressure Steam Autoclave

TS-DDV(Class B)

Features:

- 1.European Standard Class B with three times vacuum and drying,the remaining temperature of sterilized instrument is less than 0.2%.
- 2.LCD display working status,touch keys.
- 3.The vacuum data can reach -0.8bar,it fits various instrument,including package, unpackaged,solid,hollow,multi-apertures and inset pipes.It makes sure the instrument can be sterilized completely.
- 4.Fully computer controlled LCD display bright show.The interface is modularized panel for easy operation.
- 5.It is installed with BOWIE &DICK which measures the penetration of water steam.
- 6.It has vacuum test which can make sure the ability of vacuum testing.
- 7.Built-in fast and independent steam generator.
- 8.Built-in mini printer which can record the sterilizer information.
- 9.Safety valve,Safety lock door system,Pressure and temperature overload protection, Low water protection,Over current protection,Alarm system.
- 10.Can inactivate HIV,HBV,BSE,and bacillus efficiently.

Specifications:

- Capacity:18L,24L
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:105-134℃
- Timer:0-99 min
- Power:2KW



Table Top Pressure Steam Autoclave

TS-DDV(Class B)

Features:

- 1.European Standard Class B with three times vacuum and drying,the remaining temperature of sterilized instrument is less than 0.2%.
- 2.LCD display working status,touch keys.
- 3.The vacuum data can reach -0.8bar,it fits various instrument,including package, unpackaged,solid,hollow,multi-apertures and inset pipes.It makes sure the instrument can be sterilized completely.
- 4.Fully computer controlled LCD display bright show.The interface is modularized panel for easy operation.
- 5.It is installed with BOWIE &DICK which measures the penetration of water steam.
- 6.It has vacuum test which can make sure the ability of vacuum testing.
- 7.Built-in fast and independent steam generator.
- 8.Built-in mini printer which can record the sterilizer information.
- 9.Safety valve,Safety lock door system,Pressure and temperature overload protection, Low water protection,Over current protection,Alarm system.
- 10.Can inactivate HIV,HBV,BSE,and bacillus efficiently.

Specifications:

- Capacity:35L,50L
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:105-134℃
- Timer:0-99 min
- Power:2.7KW



Table Top Pressure Steam Autoclave SD-GTB(Class B)

Features:

1. Quality stainless steel inner tank, sealed cover
2. Microcomputer control
3. Safety interlocking device
4. Automatic water
5. With BD test, HELIX test, VACUUM test.
6. LCD display and touch buttons
7. With standard test interface
8. European CLASS B standard
9. With automatic protection function: over temperature, protection, over pressure protection, low water level protection, anti dry burning, and safety door lock
10. Three times pre-vacuum
11. Buzzer reminder after sterilization, automatic stop
12. Automatic discharge of cold air, automatic steam, exhaust after sterilization.
13. Built-in steam generator to provide saturated steam quickly
14. With printer, USB function and U disk

Specifications:

- Capacity: 8L, 12L, 18L, 23L
- Standard: class b
- Design pressure: 0.25Mpa
- Design temperature: 139C
- Rated working pressure: 0.22Mpa
- Rated working temperature: 134C
- Voltage: 110V 1220V, 60Hz/50Hz



Table Top Pressure Steam Autoclave SD-GTA(Class N)

Features:

1. Quality stainless steel inner tank sealed cover
2. Microcomputer control(121°C or 134°C)·
3. Safety interlocking device
4. Touch buttons
5. With standard test interface
6. Open top water tank
7. Europe CLASS N standard.
8. With automatic protection function: over
9. temperature protection over pressure protection. low water level protection, anti dry burning
10. Buzzer reminder after sterilization, automatic stop
11. Automatic discharge of cold air, and automatic steam exhaust sterilization
12. Built-in steam generator to provide saturated steam quickly

Specifications:

- Capacity: 8L, 12L, 18L, 23L
- Standard: class N
- Voltage: 110V~220V, 50HZ
- Working temperature: 121 °C~134 °C
- Working pressure: 0.22Mpa



Horizontal Cylindrical Steam Autoclave

HA-BC

Features:

1. Sterilizing course: automatic sterilization controlled, easy to operate.
2. With drying function, suitable dressing drying.
3. With over-temperature, over-pressure auto-protect device.
4. The door opening mechanism can not be operated until the pressure in the chamber is reduced to 0.027Mpa. It can not be start on if the door doesn't close well.
5. The safety valve will be open automatically when the inner pressure over 0.24Mpa and the steam be exhausting to the water tank.
6. The power will be cut-off automatically, cut-off the water and alarm when the machine lacking water.
7. The chamber is made of SUS304.

Specifications:

- Capacity: 150L, 200L, 280L, 400L, 500L
- Working pressure: 0.22Mpa
- Working temperature: 134℃
- Adjustment of temperature: 40-134℃
- Time for sterilization: 0-60 min
- Time for drying: 0-60min
- Power: 9-18KW



Horizontal Cylindrical Steam Autoclave

HA-BD

Features:

1. Sterilizing course: automatic sterilization controlled, easy to operate.
2. With drying function, suitable dressing drying.
3. With over-temperature, over-pressure auto-protect device.
4. The door opening mechanism can not be operated until the pressure in the chamber is reduced to 0.027Mpa. It can not be start on if the door doesn't close well.
5. The safety valve will be open automatically when the inner pressure over 0.24Mpa and the steam be exhausting to the water tank.
6. The power will be cut-off automatically, cut-off the water and alarm when the machine lacking water.
7. Fully SUS304.

Specifications:

- Capacity: 150L, 200L, 280L, 400L
- Working pressure: 0.22Mpa
- Working temperature: 134℃
- Adjustment of temperature: 40-134℃
- Time for sterilization: 0-60 min
- Time for drying: 0-60min
- Power: 9-18KW



Horizontal Cylindrical Steam Autoclave

HA-BA(Computer controlled)

Features:

1. Sterilizing course: automatic sterilization controlled, easy to operate.
2. With drying function, suitable dressing drying.
3. With over-temperature, over-pressure auto-protect device.
4. The door opening mechanism can not be operated until the pressure in the chamber is reduced to 0.027Mpa. It can not be start on if the door doesn't close well.
5. The safety valve will be open automatically when the inner pressure over 0.24Mpa and the steam be exhausting to the water tank.
6. The power will be cut-off automatically, cut-off the water and alarm when the machine lacking water.
7. The chamber is made of SUS304.
8. With printer.

Specifications:

- Capacity: 150L, 200L, 280L, 400L, 500L
- Working pressure: 0.22Mpa
- Working temperature: 134℃
- Adjustment of temperature: 40-134℃
- Time for sterilization: 0-60 min
- Time for drying: 0-60min
- Power: 9-18KW



Horizontal Cylindrical Steam Autoclave

HA-BB(Computer controlled)

Features:

- 1.Sterilizing course:automatic sterilization controlled,easy to operate.
- 2.With drying function,suitable dressing drying.
- 3.With over-temperature,over-pressure auto-protect device.
- 4.The door opening mechanism can not be operated until the pressure in the chamber is reduced to 0.027Mpa.It can not be start on if the door doesn't close well.
- 5.The safety valve will be open automatically when the inner pressure over 0.24Mpa and the steam be exhausting to the water tank.
- 6.The power willbe cut-off automatically,cut-off the water and alarm when the machine lacking water.
- 7.Fully SUS304.
- 8.With printer.

Specifications:

- Capacity:150L,200L,280L,400L
- Working pressure:0.22Mpa
- Working temperature:134℃
- Adjustment of temperature:40-134℃
- Time for sterilization:0-60 min
- Time for drying:0-60min
- Power:9-18KW



Low Temperature Hydrogen Peroxide Plasma Sterilizer SD-D(100L,130L,190L)

Features:

1. Carton material: Carbon steel baking plastic powder and ABS
2. The two layers of aluminum alloy punching plate loaded sterile items, big loading capacity, high space usage
3. Using mandrel drive electric lift door
4. With door barrier switch function, when touch the barrier switch, the door automatically stop, to prevent injure the operator and damage the items
5. Pre-heating time ≤ 30 min.
6. The system can maintenance and upgrade.
7. Adapting to micro printer to printing each data of every minute during the sterilization process, also can storage permanently.
8. Use imported Siemens smart series PLC control system
9. 7-inch color touch screen, communication rate ≥ 19.2 Kbps.

Specifications:

- Power supply: 220V.60HZ
- Highest anti-pressure value: 10 pa
- Sterilizing time: 45 min
- Sterilize agent: Hydrogen peroxide solution (60% H₂O₂)
- Working pressure: -50pa
- Sterilizing temperature: 50°C \pm 5°C
- Install environment: 5-45°C
- Power: 3.95KW/4.35KW/5.15KW



Cassette Plasma Sterilizer

SD-CPS(100L,130L,190L)



Features:

1. Automatic lifting door with movable casters
2. Sterilization room material: 5052 Aluminum alloy.
3. A cassette support 6 longtime cycle (12 short time cycle). Foot switch control door actions.
4. Rapid Mode & Strengthen Mode long cycle less than 60 minutes. A mode for all device
5. Have memory storage for at least 500 sterilization cycles
6. Siemens PLC, touch screen control. The process is fully automated;
7. Built-in thermal printer. USB port.
8. Displays for chamber pressure and temperature, processing phases
9. The sterilizer door cannot be opened if either electrical power or air pressure is lost during sterilizer operation.

Specifications:

- Power supply : AC 220V 50 Hz or AC 110V 60Hz
- Working temperature during 45-55°C
- Integrated Biological incubator, temperature accuracy 0.1 °C
- Power: 3.5kw/4.2kw /4.8kw

Cassette Plasma Sterilizer

SD-Q 60L

Features:

- 1.Cassette type dosing saves manpower and improves work efficiency;
- 2.The sterilization time is relatively short:the general time is controlled between 35-50min, which shortens the sterilization
- 3.cycle and greatly improves the efficiency of the hospital;
- 4.4-System authority certification support:ISO9001;ISO13485;ISO14004;ISO45001;&CE international quality inspection
- 5.certification to ensure the quality of each equipment;
- 6.The sterilizing agent hydrogen peroxide used in the equipment is decomposed into water and oxygen after sterilization,which is
- 7.friendly to the user and the environment;
- 8.Less restrictive factors for the installation environment:an environment with power supply and ventilation is enough;
- 9.Square inner cabin with more usable area and more loading.
- 10.Siemens PLC,touch screen control.The process is fully automatic.
- 11.Built-in thermal printer,real-time print out data USB port available for historical data download

Specifications:

- Temperature:40℃-60℃
- Sterilization time:35-55 minutes
- Select sterilizer:58%-60%hydrogen peroxide(H₂O₂)
- Power supply:AC 220V,50 HZ
- Power:2.6KW
- Working pressure:50 Pa~106 Kpa



Ethylene Oxide Sterilizer

SD-EOS(120L,220L)



Features:

1. Sterilization chamber: 5052 Aluminium, has better thermal conductivity than stainless steel
2. Vacuum system: High-performance, low-noise, oil-free vacuum pump
3. Built-in printer: Thermal printer
4. Humidity system: Use saturated steam to humidify the sterilization chamber, and the air humidity is more uniform
5. Timing system: EO gas diffusion time and residual EO aeration timing settable
6. Pre-set: Standard Sterilization Mode and Residual Washing

Specifications:

- Sterilizing temperature: 36-55°C adjustable
- Sterilizing Time: 8-10 Hours, depends on materials
- Sterilization Method: Low temperature, gas sterilization.
- Display: LCD screen, Soft touch operate key
- Safety Features: Temperature and Pressure protection
- Tray: 2 stainless net tray
- Voltage: 220V, 50Hz
- Data Review: Thermal mini-printer and USB port (download)
- EO gas: 100% Pure EO gas cartridge

Ethylene Oxide Sterilizer

SD-EO(80L,120L,220L,330L)

Features:

1. 100% Ethylene Oxide gas cartridge to be used in the unit as Sterilant
2. All parameters in process display in 5" touch Screen
3. Front loading rectangle chamber made of 304 stainless steel
4. Door will operate manually in case of the power failure
5. Built in Thermal Printer print full cycle performance
6. Sterilization and aeration accomplished in the same cabin
7. Sterilization temperature 37-54°C settable
8. Sterilization humidity 45-85% settable
9. Sterilization time 3-8 hours settable
10. Machine dosing EO gas and aeration automatically

Specifications:

- Voltage: AC220V
- Cell material: 304 stainless steel
- Working pressure: -60Kpa
- Cycle time: 5-8 hours
- Working temperature: 30-60°C
- Humidity: RH 45-85%
- Display screen: 5" color LCD
- Data export: USB
- Mini printer: Yes



Large Scale Ethylene Oxide Sterilizer

SD-E(3m³-20m³)



Features:

1. Sterilization chamber: SS304 stainless steel
2. Vacuum system: High-performance, low-noise, oil-free vacuum pump
3. Built-in printer: Thermal printer
4. Humidity system: Use saturated steam to humidify the sterilization chamber, and the air humidity is more uniform
5. Timing system: EO gas diffusion time and residual EO aeration timing settable
6. Pre-set: Standard Sterilization Mode and Residual Washing

Technical Data:

- Sterilizing temperature: 36-55°C adjustable
- Humidity: 40-80% adjustable
- Working pressure: -50 kpa
- Sterilizing Time: 8-14 Hours, depends on materials
- Sterilization Method: Low temperature, gas sterilization.
- Display: LCD screen, touch screen
- Safety Features: Temperature and Pressure protection
- Accessory: Pallet and trolley
- Voltage: 380V, 50Hz
- Data Review: Thermal mini-printer and USB port (download)
- EO gas: 80% EO + 20% CO₂ blend EO gas
- Gas Consumption: 1 kg/cbm

Fully Automatic Washing Disinfector

SD-DY

Features:

- 1.1.PLC machine program control
- 2.2.7-inch color large touch screen human-machine interface humanized operation mode, and presets 6 groups of programs,which can be selected by itself and set 24
- 3.3.Manual pull-down door,double-layer tempered coating large window transparent glass door body
- 4.4.93°C boiling disinfection Efficient 93°C boiled heat disinfection
- 5.5.separate chemical cryogenic disinfection program that sterilizes and derusts non-high temperature and rust resistant equipment.
- 6.6.Excellent cleaning,disinfection and drying effect Excellent cleaning,disinfection and drying effect
- 7.7.Excellent loading capacity Equipped with a 3-layer instrument cleaning rack and loaded with3 DIN standard

Specifications:

- Capacity:180L,270L,350L,420L,500L
- Spray electric power:460W/1750W
- Wind piezoelectric power:370W/1000W/1100wW/1500Ww
- Dry heating electric power:3.6KW/7KW
- Maximum power:14KW/20KW/30KW
- Maximum drying temperature:110°C
- Working noise:≤60dB
- Power supply pressure:380V/220 、 50HZ



Automatic Endoscope Washer - Disinfector

JK-XD-1

Features:

1. Hands-Free Operation--Kick-to-open tempered glass door avoids direct contact and prevents cross-contamination.
2. Efficient 10-Minute Disinfection Cycle--Rapid full disinfection with alkaline glutaraldehyde or o-phthalaldehyde.
3. Full-Coverage Internal Channel Cleaning--Vortex circulation, immersion, high-pressure perfusion ensure 360° cleaning.
4. Quick Plug Connection System--Seamless transition from manual to machine disinfection with imported connectors.
5. Advanced Leak Detection System--Real-time continuous pressure monitoring (0.015–0.035Mpa) prevents equipment damage.
6. Full Process Traceability--Records patient, scope, and operator data with optional printout or hospital system integration.
7. Self-Disinfection with Patent--Thorough reverse flushing of all liquid pathways and high-pressure spray of tank body.
8. 7-Inch PLC Touchscreen--Choose from 6 preset modes: standard, infection, drying, terminal, early, and self-disinfection.
9. Automated Additive Management--Precise control of disinfectant, enzyme, alcohol dosage and draining.
10. Endoscope-Friendly Design--Spacious mirror slot protects the fiber optic system and extends equipment life.

Specifications:

Tank Design:Single tank

Control:PLC + 7" Touchscreen

Disinfection Time:≤10 min (alkaline glutaraldehyde / OPA)

Leak Detection:0.015–0.035Mpa, real-time monitoring

Modes:6 Preset Cleaning Modes

Additive Management:Automatic (enzyme, alcohol, disinfectant)

Self-Disinfection:Yes (patented)

Connectivity:HIS compatible

Traceability:Patient, scope, operator, printable repor



Automatic Endoscope Washer - Disinfector

JK-XD-2

Features:

1. Hands-Free Operation--Kick-to-open tempered glass door avoids direct contact and prevents cross-contamination.
2. Efficient 10-Minute Disinfection Cycle--Rapid full disinfection with alkaline glutaraldehyde or o-phthalaldehyde.
3. Full-Coverage Internal Channel Cleaning--Vortex circulation, immersion, high-pressure perfusion ensure 360° cleaning.
4. Quick Plug Connection System--Seamless transition from manual to machine disinfection with imported connectors.
5. Advanced Leak Detection System--Real-time continuous pressure monitoring (0.015–0.035Mpa) prevents equipment damage.
6. Full Process Traceability--Records patient, scope, and operator data with optional printout or hospital system integration.
7. Self-Disinfection with Patent--Thorough reverse flushing of all liquid pathways and high-pressure spray of tank body.
8. 7-Inch PLC Touchscreen--Choose from 6 preset modes: standard, infection, drying, terminal, early, and self-disinfection.
9. Automated Additive Management--Precise control of disinfectant, enzyme, alcohol dosage and draining.
10. Endoscope-Friendly Design--Spacious mirror slot protects the fiber optic system and extends equipment life.

Specifications:

Tank Design:Single tank

Control:PLC + 7" Touchscreen

Disinfection Time:≤10 min (alkaline glutaraldehyde / OPA)

Leak Detection:0.015–0.035Mpa, real-time monitoring

Modes:6 Preset Cleaning Modes

Additive Management:Automatic (enzyme, alcohol, disinfectant)

Self-Disinfection:Yes (patented)

Connectivity:HIS compatible

Traceability:Patient, scope, operator, printable report



Intelligent Endoscope Storage and Drying Cabinet

JK-ZGD

Features:

- 1、 7-inch LCD touch screen,with a variety of modes to choose from,standard storage mode,long-term storage mode,lumen blow-drying mode,intelligent storage mode,dehumidification and other modes.
- 2、 The liner adopts stainless steel endoscopy panel,seamless molding and easy cleaning.
- 3、 It uses a fully transparent tempered glass door,which can clearly observe the storage of the endoscopy in the cabinet.
- 4、 The cabinet is equipped with intelligent automatic Control program,equipped with Circulating wind ultraviolet disinfection system or plasma disinfection System.
- 5、 Independent endoscope pipeline gas injection/extraction function to ensure the internal drying of the pipeline.
- 6、 Data traceability Standard printer,printing operating parameters and data,built-in U disk storage.
- 7、 Automatic heating and dehumidification function,the heating temperature is adjustable,and the maximum temperature does not exceed 50°C.
- 8、 Special pylon,which can store Various endoscopes and their accessories.
- 9、 Automatic maintenance reminder,ultraviolet service life reminder.
- 10、 Automatic alarm prompt by the equipment when the door is opened overtime.
- 11、 Traceability function(optional).

Specifications:

Inner tank material: Stainless steel mirror plate
Disinfection system: Circulating air ultraviolet disinfection system or plasma disinfection system
Other functions: Independent endoscope pipeline air injection/suction function
Power supply voltage: 220V/50Hz
Endoscopy storage capacity: 8-10
Power: 800W



Intelligent Endoscope Storage and Drying Cabinet

JK-ZGS

Features:

- 1、 7-inch LCD touch screen,with a variety of modes to choose from,standard storage mode,long-term storage mode,lumen blow-drying mode,intelligent storage mode,dehumidification and other modes.
- 2、 The liner adopts stainless steel endoscopy panel,seamless molding and easy cleaning.
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- 8、 Special pylon,which can store Various endoscopes and their accessories.
- 9、 Automatic maintenance reminder,ultraviolet service life reminder.
- 10、 Automatic alarm prompt by the equipment when the door is opened overtime.
- 11、 Traceability function(optional).

Specifications:

Inner tank material: Stainless steel mirror plate
Disinfection system: Circulating air ultraviolet disinfection system or plasma disinfection system
Other functions: Independent endoscope pipeline air injection/suction function
Power supply voltage: 220V/50Hz
Endoscopy storage capacity: 12-16
Power: 1500W



Intelligent Endoscope Storage and Drying Cabinet

JK-NJ06/JK-NJ12/JK-NJ08

Features:

- 1.The liner adopts imported high-quality polymer composite material PMMA,and is molded once by independent mold opening.
- 2.Full transparent tempered glass door is adopted, which can clearly observe the storage of endoscopy in the cabinet.
- 3.The cabinet is equipped with intelligent automatic control program, equipped with circulating wind ultraviolet disinfection system or plasma disinfection system.
- 4Automatic accumulation of disinfection time, equipped with lighting and constant temperature drying functions.
- 5.Liquid crystal display, display temperature, humidity simple and convenient.
- 6.Special hook, which can store various endoscopes and their accessories.
- 7.Traceability function (optional)

Specifications:

Product name	Model	Outline dimensions Length ×Width×Height (mm)	Weight (kg)	Endoscopy storage capacity	Power supply (V/Hz)	Power (W)
Single-Door Soft Endoscopy Storage Cabinet	JK-NJ06	700*500*2080	55	5-6	220/50	120
Double-Door Soft Endoscopy Storage Cabinet	JK-NJ12	1290*500*2080	80	10-12	220/50	200
Single-door Hard Endoscopy Storage Cabinet	JK-NJ08	890*595*2050	70	8 layers	220/50	120



Model JK-NJ06



Model JK-NJ12



Model JK-NJ08

Intelligent Endoscope Storage and Drying Cabinet

JK-DY180/270/350/420/500/600

Features:

- 1、Innovative Technology----New solutions and innovative technology applications greatly shorten water injection, heating and drying times, and reduce the waiting time for program operation.
- 2、Easy to operate.----It adopts imported PLC machine control, color large touch screen man-machine dialogue interface, one-button operation, and presets 6 groups of programs, (multiple groups of programs are optional).
- 3、Full-process printing and traceability----Imported dot-type micro printer is used to print working process data, which can be stored for more than 10 years and can be connected with traceability quality management system.
- 4、Fast Zero Wait Time----The cleaning and disinfection pre-heating bin is added, and the efficiency is more than 3 times that of traditional equipment.
- 5、Ultra-low energy consumption----The use of large-flow water circulation and sprinkler system saves about 40% water and energy compared with traditional equipment.
- 6、Automatic lower door double door interlocking----Automatic lower door opening, automatic monitoring of obstacles, protection of staff and cleaning items, double-layer tempered coating vacuum large window transparent glass observation window, sound and heat insulation, double door to avoid interlockingAir circulation to achieve complete isolation of cleaning and pollution
- 7、Boiling disinfection at 93 °C----Efficient 93°C boiling heat disinfection, A0 value fully complies with the latest WS310.3-2016 standard specification requirements.
- 8、Dual-mode disinfection function----Boiling disinfection and chemical disinfection are two disinfection modes, and a unique separate chemical disinfection program can disinfect and remove rust on instruments that are not resistant to high-temperature and have rust stains at low-temperature.
- 9、Excellent cleaning, disinfection and drying effect----Excellent cleaning, disinfection and drying effect, fully in line with the latest WS310.3-2016 standard specification requirements.
- 10、Excellent loading capacity----Equipped with 5-layer instrument cleaning rack, loaded with 15 DIN standard baskets.
- 11、Fully imported fittings----Main cleaning pumps, drainage pumps, solenoid valves, fans, metering pumps, temperature controllers, main switches, etc. are imported from international famous brands
- 12、Fault self-check diagnosis function----The system equipment safety self-check fault diagnosis function, guarantees the equipment operation safety, the double-door infrared ray safety protection

Specifications:

Quick Automatic Washer - Disinfector JK-DY180/270/350/420/500/600

Specifications:

Model	JK-DY180	JK-DY270	JK-DY350	JK-DY420	JK-DY500	JK-DY600
Cleaning capacity	180L	270L	350L	420L	500L	600L
Maximum disinfection temperature	98℃	98℃	98℃	98℃	98℃	98℃
Cleaning machine level	2	4	4	5	5	6
Number of Baskets	4-8	8-17	8-17	15-27	15-27	18-33
Method of opening and closing doors	Manual	Manual	Manual	Automatic lower door opening	Automatic lower door opening	Automatic lower door opening
Enzymes, disinfectants and lubricants;	Automatic calculation, precise filling					
Power supply	380V/22050HZ					





03

R&D·Production·Marketing

ABOUT OUR BUSINESS

R&D·Production·Marketing

R&D

We have introduced world-leading technologies to bring together high-tech talent, have a consummate technical research and development team, and purchase advanced production equipment to ensure stable development of the company's industry and maintain long-term competitive advantages.



More than 6% of annual sales are used as R&D expenses



R&D·Production·Marketing

High standards of production management



All products of the company are strictly in accordance with the quality control process,in accordance with the requirements of CE,ISO 9001,ISO 13485 ingenuity.To provide customers with "zero defect"products,advanced technology,scientific management and excellent service are the guarantee for the continuous improvement of Sada Medical product quality Product safety,compliance with regulatory requirements and environmental protection are the social responsibility of Sada Medical.

R&D·Production·Marketing

Welcome all customers to visit

Comprehensive, considerate and caring service is the unremitting goal of each employee of Sada Medical. The satisfaction and expectation of customers is always the pursuit of quality by Sada Medical



R&D·Production·Marketing

We carry out globalization marketing

We provide sterilizer products to customers around the world and adhere to China's leading sterilizer brand image.

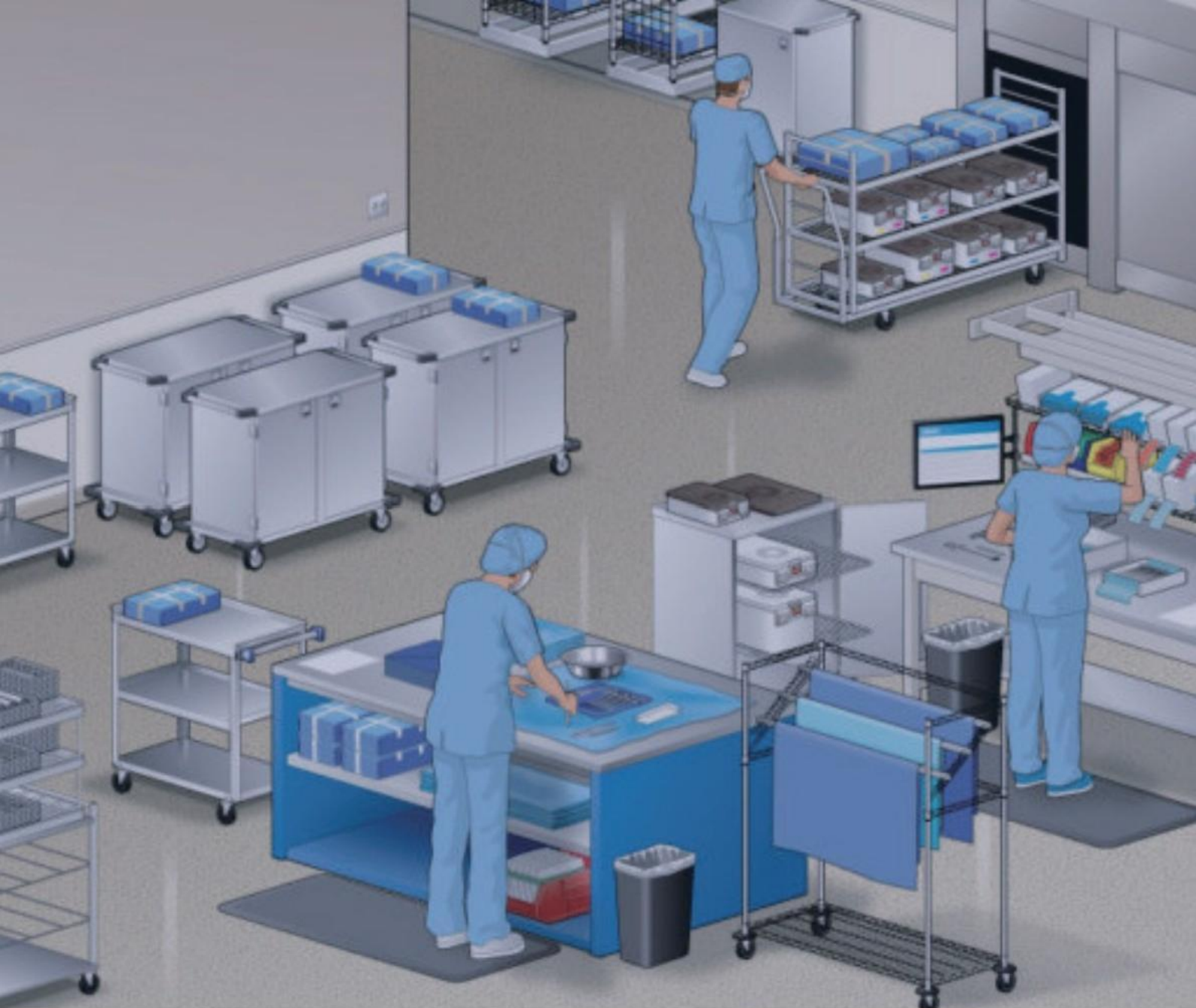


R&D · Production · Marketing

**Our products are sold to many countries
around the world**







04

Company Culture

ABOUT OUR BUSINESS

About Our Business

Company Culture



What we do?

We provide sterilization solutions for medical industry.

Our products line:

Autoclave /Sterilizer

H2O2 Low Temperature Plasma Sterilizer

Ethylene Oxide Sterilizer



How do we do it?

We apply our technology and experience into creating solutions for the sterilization industries.



Why do we do it?

Our vision is to fulfill the market needs for the sterilization industries, and provide reliable, flexible, programmable, affordable and safe sterilization items and equipment.

**Wish Sada Medical and friends from all walks
of life friends a win-win situation**



HEFEI SADA MEDICAL EQUIPMENT CO.,LTD.
合肥萨达医疗设备有限公司

Please feel free to contact us!

kevin@sadamedical.com

+8615955157922

wWw.sadamedical.com