



# Low Temperature Plasma Sterilizer

PS series Plasma Sterilizer & Consumables



## >>Advantages



Android System  
Fingerprint Identification  
Infection Control Knowledge  
Video Training  
Cloud Backup  
Cloud Recovery  
User Manual  
Industrial News

- The first manufacturer in the world to apply Android system to plasma sterilizer, which indicates that infection control equipment break into informational and intelligent age.
- The first manufacturer in the world to apply fingerprint identification to plasma sterilizer, which is easier and faster for operators to enter the interface, and increases the traceability.
- The first plasma sterilizer in the world to be equipped with cloud service realizes the real-time monitoring anytime and anywhere.
- The first plasma sterilizer in the world to have the function of text message notification informs the operator of running status, the sterilization start and finish time, equipment fault and maintenance, etc.
- The first and only one in the world to play training video, update online industrial news, infection control knowledge, and user manual.

## >>Certificates



As the **WANROOEMED** is large-scale health care system Solution Providers, we focus on patient needs, continuous innovation, close to the clinical needs of people around the world to help improve medical conditions, reduce health care costs. So far, **WANROOEMED** products and solutions are deployed in over 100 countries, welcomed by professional medical and hospital brokers.

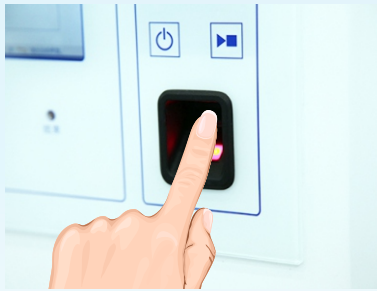
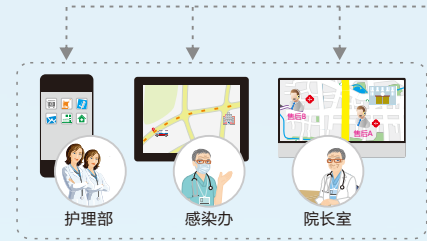
We are committed to better medical products, building cleaning, sanitation, medical care and comfortable working environment, to protect human life and health and safety. In recent years, the company in Jiangsu, Shanghai, Zhejiang, Anhui and other places to establish a "**WANROOEMED**" brand production base, and the introduction of Germany, Japan advanced production equipment and factory management philosophy, and constantly improve product quality, profit to customers.

"Superior quality, caring service" is as **WANROOEMED** commitment to customers, "sincere guardian of life" is as sacred mission of **WANROOEMED**. In the future, such as **WANROOEMED** people are full of passion for innovation practice their mission, focus hospitals needs, provide competitive medical equipment solutions and services, continued to create maximum value for customers.

## >>Product Features

### Smart Operating System

The equipment is applied with Android operating system, which can realize the real-time monitoring of machine. The sterilization record can be delivered to traceability system by wire or wireless connector. In this way, the machine is monitored real time.

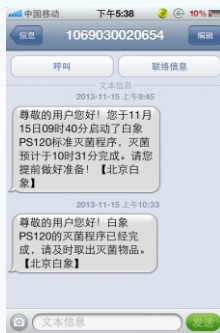


### Finger Print Identification

Customers can enter operation interface by finger print ID or password. By using finger print ID technology, it can prevent wrongly operation and trace the responsibility of operators.

### Video Training

Customers can receive operation training and infection control knowledge, etc. from the machine.



### Text Message Notification

The equipment operating staff can get the information about running status of machine by text message. (including running information and fault information)

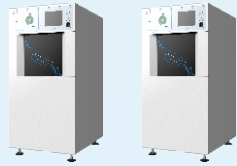
### Various Access to Network

Provide RJ 45 wire connector, WIFI module and 3G network module.





售后支持



## "Cloud" Service

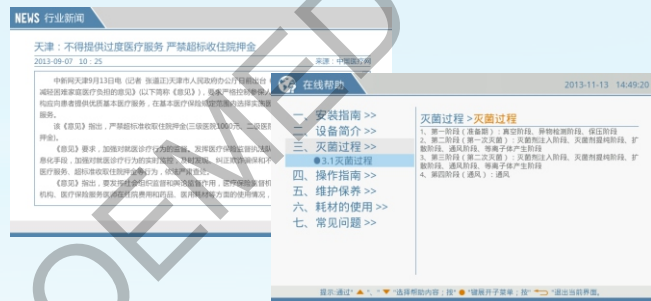
After connection with network, the equipment can backup the date into "cloud" on Internet. Once there is any fault, the machine, after repaired, can synchronize data from "cloud".

Any operators who are authorized can monitor the running of machine anytime and anywhere.

Main functions of "Cloud": cloud backup, cloud recovery, cloud curve.

## Online Service

Provide the latest news in medical field;  
Launch the latest equipment information;  
Update the newest industry knowledge;  
Provide operating manual and maintenance knowledge. Online service is available anytime.



## H<sub>2</sub>O<sub>2</sub> Injection System

H<sub>2</sub>O<sub>2</sub> injection system guarantees the leakproof and increase and prolongs using life of hydrogen peroxide.

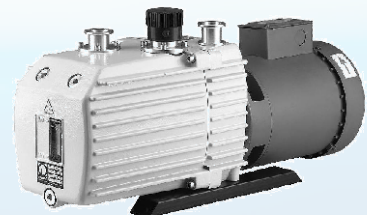
## Excel File Export

Sterilization data can be exported as excel file so that the record is available for all staff.

PS120								
运行次数	日期	程序	启动时间	结束时间	运行时间	操作员	运行状态	备注
1	2013/11/10	快速灭菌	14:34:02	15:14:01	39min	李颖	正常	
2	2013/11/10	标准灭菌	15:28:48	16:18:55	50min	李颖	正常	
3	2013/11/11	标准灭菌	8:20:21	10:22:33	52min	王玮	正常	
4	2013/11/11	标准灭菌	14:38:03	15:39:14	61min	王玮	正常	

## Leybold Vacuum Pump

Leybold vacuum pump from Germany guarantees the vacuum effect, decrease the time of vacuumizing. It owns strong property of corrosion resistance and long using life.



# >> PS60 Low Temperature Plasma Sterilizer



Capacity



Single Door



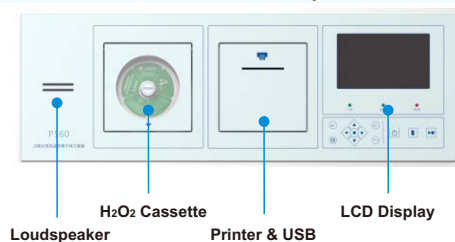
Cylinder Chamber

## >> Features

- 7 inch LCD( liquid crystal display) and Android operating system;
- Support Wired LAN , WLAN and 3G;
- 2 USB connectors, which can export data record;
- Text message reminder;
- Video broadcast;
- Cloud service, backup and recovery record data;
- Real time curve: the curve shows the sterilization status for easy monitoring;
- Online infection control knowledge, user manual and maintenance instructions are available;
- Update online medical industry news;
- Update application online and offline;
- Export record data as excel file;
- Leybold vacuum pump from Germany.

## >> Specifications

Type	PS60
Overall Dimension	H1725xW750xD900 (mm)
Door Type	Single automatic vertical sliding door
Capacity	60L (cylinder chamber)
Chamber Size	Φ450×690(mm)
Sterilization Mode	quick/standard/enhanced cycle
Sterilization Temp.	50°C ~ 60°C
Power Rating	220V/50Hz , 2.7kw
Control System	Android system, intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles



Loudspeaker

H<sub>2</sub>O<sub>2</sub> Cassette

Printer & USB

LCD Display

## >> PS60T Low Temperature Plasma Sterilizer



### >> Features

- Easily placed on platform and space-saving;
- 7 inch LCD( liquid crystal display) and Android operating system;
- Finger print identification and no upper limit to the number of operators;
- Support Wired LAN , WLAN and 3G;
- 2 USB connectors, which can export data record;
- Text message reminder;
- Video broadcast;
- Cloud service, backup and recovery record data;
- Real time curve: the curve shows the sterilization status for easy monitoring;
- Online infection control knowledge, user manual and maintenance instructions are available;
- Update online medical industry news;
- Update application online and offline;
- Export record data as excel file;
- Leybold vacuum pump from Germany.

### >> Specifications

Type	PS60T
Overall Dimension	H760xW650xD840 (mm)
Door Type	Single automatic vertical sliding door
Capacity	60L (rectangle chamber)
Chamber Size	H340xW260xD700 (mm)
Sterilization Mode	quick/standard/enhanced cycle
Sterilization Temp.	50°C ~ 60°C
Power Rating	220V/50Hz , 2kw
Control System	Android system, intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles

# >> PS90 Low Temperature Plasma Sterilizer



Capacity



Single Door



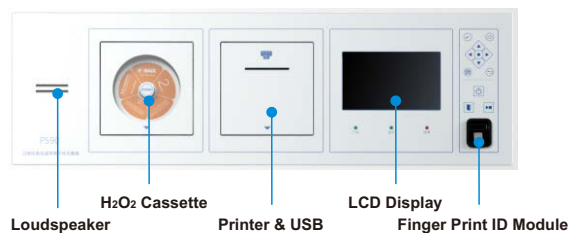
Cylinder Chamber

## >> Features

- 7 inch LCD( liquid crystal display) and Android operating system;
- Finger print identification and no upper limit to the number of operators;
- Support Wired LAN , WLAN and 3G;
- 2 USB connectors, which can export data record;
- Text message reminder;
- Video broadcast;
- Cloud service, backup and recovery record data;
- Real time curve: the curve shows the sterilization status for easy monitoring;
- Online infection control knowledge, user manual and maintenance instructions are available;
- Update online medical industry news;
- Update application online and offline;
- Export record data as excel file;
- Leybold vacuum pump from Germany.

## >> Specifications

Type	PS90
Overall Dimension	H1725xW820xD890 (mm)
Door Type	Single automatic vertical sliding door
Capacity	120L (cylinder chamber)
Chamber Size	Φ460×770(mm)
Sterilization Mode	quick/standard/enhanced cycle
Sterilization Temp.	50°C ~ 60°C
Power Rating	220V/50Hz , 2.7kw
Control System	Android system, intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles



Loudspeaker

H<sub>2</sub>O<sub>2</sub> Cassette

Printer & USB

LCD Display

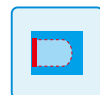
Finger Print ID Module



# >> PS120 Low Temperature Plasma Sterilizer



Capacity



Single Door



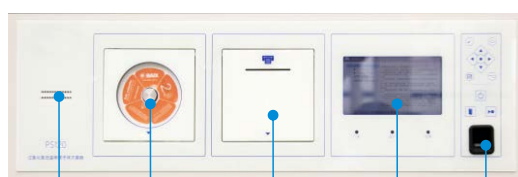
Cylinder Chamber

## >> Features

- 7 inch LCD( liquid crystal display) and Android operating system;
- Finger print identification and no upper limit to the number of operators;
- Support Wired LAN , WLAN and 3G;
- 2 USB connectors, which can export data record;
- Text message reminder;
- Video broadcast;
- Cloud service, backup and recovery record data;
- Real time curve: the curve shows the sterilization status for easy monitoring;
- Online infection control knowledge, user manual and maintenance instructions are available;
- Update online medical industry news;
- Update application online and offline;
- Export record data as excel file;
- Leybold vacuum pump from Germany.

## >> Specifications

Type	PS120
Overall Dimension	H1725xW820xD890 (mm)
Door Type	Single automatic vertical sliding door
Capacity	120L (cylinder chamber)
Chamber Size	Φ500×770(mm)
Sterilization Mode	quick/standard/enhanced cycle
Sterilization Temp.	50°C ~ 60°C
Power Rating	220V/50Hz , 2.9kw
Control System	Android system, intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles



Loudspeaker      H<sub>2</sub>O<sub>2</sub> Cassette      Printer & USB      LCD Display      Finger Print ID Module

# >> PS120D Low Temperature Plasma Sterilizer ( for CSSD )



Capacity



Double Door



Cylinder Chamber

## >> Features

- 7 inch LCD( liquid crystal display) and Android operating system;
- Double LCD synchronous display front and back side for operators' convenience in 2 areas;
- Finger print identification and no upper limit to the number of operators;
- Support Wired LAN , WLAN and 3G;
- 2 USB connectors, which can export data record;
- Text message reminder;
- Video broadcast;
- Cloud service, backup and recovery record data;
- Real time curve: the curve shows the sterilization status for easy monitoring;
- Online infection control knowledge, user manual and maintenance instructions are available;
- Update online medical industry news;
- Update application online and offline;
- Export record data as excel file;
- Leybold vacuum pump from Germany.

## >> Specifications

Type	PS120D
Overall Dimension	H1725xW820xD926 (mm)
Door Type	Single automatic vertical sliding door
Capacity	120L (cylinder chamber)
Chamber Size	Φ500×750(mm)
Sterilization Mode	quick/standard/enhanced cycle
Sterilization Temp.	50°C ~ 60°C
Power Rating	220V/50Hz , 3kw
Control System	Android system, intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles



# >> PS150 Low Temperature Plasma Sterilizer



Capacity



Double Door



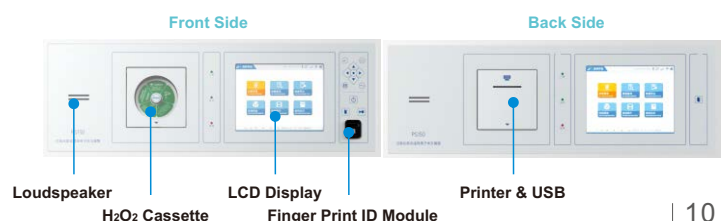
Rectangle Chamber

## >> Features

- 10.4 inch LCD( liquid crystal display) and Android operating system;
- Double LCD synchronous display front and back side for operators' convenience in 2 areas;
- Finger print identification and no upper limit to the number of operators;
- Support Wired LAN , WLAN and 3G;
- 2 USB connectors, which can export data record;
- Text message reminder;
- Video broadcast;
- Cloud service, backup and recovery record data;
- Real time curve: the curve shows the sterilization status for easy monitoring;
- Online infection control knowledge, user manual and maintenance instructions are available;
- Update online medical industry news;
- Update application online and offline;
- Export record data as excel file;
- Leybold vacuum pump from Germany.

## >> Specifications

Type	PS150
Overall Dimension	H1730xW835xD1086 (mm)
Door Type	single door/double door optional
Capacity	150L (rectangle chamber)
Chamber Size	H450xW450xD800(mm)
Sterilization Mode	2 or 4 layers
Items Shelf	quick/standard/enhanced cycle
Sterilization Temp.	50°C ~ 60°C
Power Rating	220V/50Hz , 4kw
Control System	Android system, intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles



# >> PS200 Low Temperature Plasma Sterilizer



200L

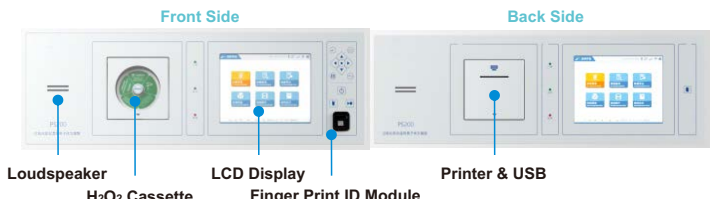
Capacity
Double Door
Rectangle Chamber

## >> Features

- 10.4 inch LCD( liquid crystal display) and Android operating system;
- Double LCD synchronous display front and back side for operators' convenience in 2 areas;
- Finger print identification and no upper limit to the number of operators;
- Support Wired LAN , WLAN and 3G;
- 2 USB connectors, which can export data record;
- Text message reminder;
- Video broadcast;
- Cloud service, backup and recovery record data;
- Real time curve: the curve shows the sterilization status for easy monitoring;
- Online infection control knowledge, user manual and maintenance instructions are available;
- Update online medical industry news;
- Update application online and offline;
- Export record data as excel file;
- Leybold vacuum pump from Germany.

## >> Specifications

Type	PS200
Overall Dimension	H1730xW835xD1086 (mm)
Door Type	single door/double door optional
Capacity	200L (rectangle chamber)
Chamber Size	H500xW500xD800(mm)
Sterilization Mode	2 or 4 layers
Items Shelf	quick/standard/enhanced cycle
Sterilization Temp.	50°C ~ 60°C
Power Rating	220V/50Hz , 4.2kw
Control System	Android system, intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles



# >> PS350 Low Temperature Plasma Sterilizer



350L

Capacity



Double Door



Rectangle Chamber

## >> Features

- 10.4 inch LCD( liquid crystal display) and Android operating system;
- Double LCD synchronous display front and back side for operators' convenience in 2 areas;
- Finger print identification and no upper limit to the number of operators;
- Support Wired LAN , WLAN and 3G;
- 2 USB connectors, which can export data record;
- Text message reminder;
- Video broadcast;
- Cloud service, backup and recovery record data;
- Real time curve: the curve shows the sterilization status for easy monitoring;
- Online infection control knowledge, user manual and maintenance instructions are available;
- Update online medical industry news;
- Update application online and offline;
- Export record data as excel file;
- Leybold vacuum pump from Germany.

## >> Specifications

Type	PS350
Overall Dimension	H1786xW1050xD1086 (mm)
Door Type	single door/double door optional
Capacity	350L (rectangle chamber)
Chamber Size	H620xW720xD800(mm)
Sterilization Mode	3 or 4 layers
Items Shelf	quick/standard/enhanced cycle
Sterilization Temp.	50°C ~ 60°C
Power Rating	220V/50Hz , 4.6kw
Control System	Android system, intelligent management
Cassette	12 capsules for each cassette which can be used for 6 cycles



Loudspeaker

H<sub>2</sub>O<sub>2</sub> Cassette

LCD Display

Finger Print ID Module

Printer & USB

## >> Consumables for PS series Plasma Sterilizer



### H<sub>2</sub>O<sub>2</sub> Sterilant

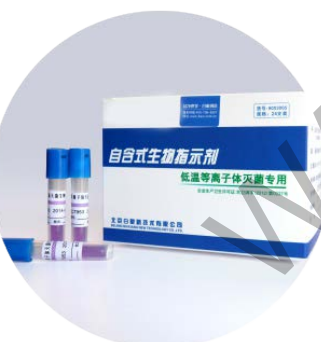
Hydrogen peroxide is the consumable specialized for plasma sterilizer. It can kill all microorganism including vegetative form of bacteria, spore, fungi and virus. As the mature and stable sterilant, hydrogen peroxide does no harm to people and environment.

Content of Hydrogen Peroxide: 730-780g/L



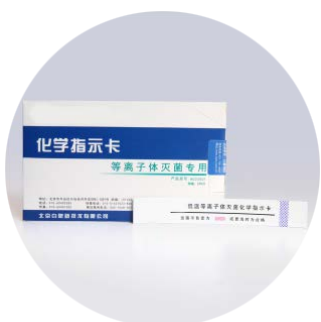
### Biological Indicator Incubator

- Used for detecting biological indicator of plasma sterilizer
- Temperature Range: 20-60°C
- Overall Dimension: 194x124x125 (mm)
- Container Capacity: 24 injections/time
- Indicator Dimension: ≤Φ8.9x32.5mm



### Plasma Biological Indicator

- Self-contained design realizes easy use and convenience
- Bacteria strain: Bacillus stearothermophilus ATCC7953
- Bacteria count: 1x10<sup>6</sup>-5x10<sup>6</sup>
- After 48 hours, the sterilization result can be judged
- Strictly accord with stands of ISO11138-1 and GB18281-1



### Plasma Chemical Indicator Card

Chemical indicator card is printed with special indicator ink, whose color changes according to the change of hydrogen peroxide density, temperature and time. Judge the sterilization result based on color change.



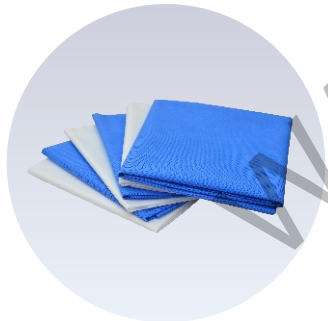
## Plasma Chemical Indicator Tape

The chemical indicator tape is made up of plastic and adhesive material which is printed with indicator ink. When the density of hydrogen peroxide reaches a certain degree, the color will change from blue to red, which indicates the items are sterilized by plasma. Firm sealing and environmental friendly.



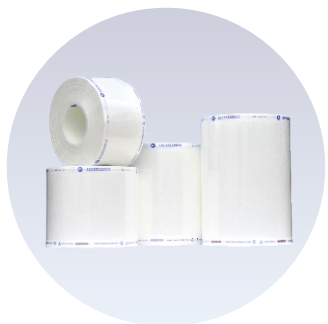
## Hydrogen Peroxide Cassette

- 12 capsules for each, which can be used for 6 cycles.
- Only available for BAIX Plasma Sterilizer



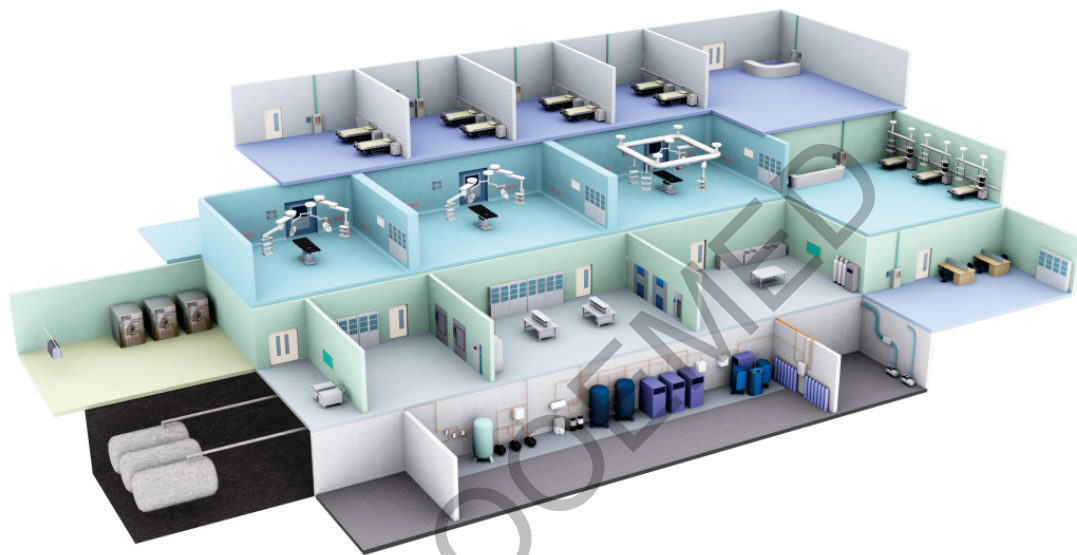
## Non-Woven Fabrics

- Non-woven fabric is made up of 100% polypropylene chip, non-toxic, non-fiber-releasing and high efficiency of blocking bacteria.
- Used for high or low temperature sterilizer for single use, and no need for recycling and washing
- Full compliance with environmental needs and easy for degradation and burying
- Prevent cross-infection and increase the rate of infection control
- Long period of validity



## Tyvek with Chemical Indicator Card

- Tyvek is a combination of Dupont 1059B Tyvek paper and plastic sheet for medical use
- Edge banding technology with 3 iron spots
- No paper scrap and dust.
- Stable indicator card and obvious color change
- Strong property of blocking bacteria and keeping items sterile for 180 days.
- Various size for different requirements.



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