

# **Medical Plasma Air Disinfector**

TR-PAP01

## Operation Instruction

# Catalogue

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## **1. Product brief introduction**

This machine is composed of primary filter, fan, plasma generator, etc. The air is sterilized and disinfected by the fan through the plasma generator, and the whole space is disinfected by many cycles.

Main bactericidal factor: plasma.

Bactericidal principle: kill airborne bacteria through plasma.

Microbicide: can kill common bacteria in the air. (After the machine is powered on, press the sterilization button and adjust the air volume to the maximum. For the room whose volume is not more than 60m<sup>3</sup> or 100m<sup>3</sup> the disinfection effect can be achieved according to the following running time:

The killing rate of staphylococcus albus  $\geq 99.9\%$  after operation for 1 hour;

After 1 hour of operation, the natural bacterial extinction rate is  $\geq 90\%$ .)

## **2. Range of application**

Suitable for air disinfection in medical and health institutions and public places under human condition.

## **3. Method of application**

In a closed space of no more than 60 m<sup>3</sup> or 100m<sup>3</sup>, under the condition of room temperature and relative humidity no more than 80%, continuous power on for more than 60 minutes can meet the requirements of air disinfection. See the Quick Use Guide for details.

## **4. Equipment installation**

Wall-mounted models, the placement position should be selected strong, not susceptible to vibration, enough to bear the weight of the unit wall; Choose a place that is not close to the heat source and steam source and will not cause obstacles to the wind inlet and outlet of the unit; Choose places where the wind can be sent as far as possible; Choose

a place near an electrical outlet and leave plenty of space near the cutting machine.

## **5. Matters need attention**

- ① Please read the instructions carefully before use.
- ② Use the standard three-core single-phase power socket, the power supply voltage is 220V, and has good grounding.
- ③ Do not put other manufacturers' parts in the machine.
- ④ Remove the power plug before cleaning and maintenance.
- ⑤ When cleaning, do not make the electrical system damp, so as to avoid accidents or failures.
- ⑥ In the process of use, the machine will occasionally emit a "crackling" sound, which is a normal phenomenon. If it is issued continuously, it should be handled according to the eighth item of troubleshooting.
- ⑦ Non-professional personnel are strictly prohibited from dismantling the machine.
- ⑧ When moving on the ground, the middle part of the device is pushed slowly.
- ⑨ When moving up and down the elevator, protect the casters and lift one side of the device slightly when necessary.
- ⑩ When moving up and down the stepping stairs or on the rough and uneven ground, the equipment should be moved.

## **6. Maintaining**

- (1) Unplug the power plug before cleaning and maintenance.
- (2) Do not make the electrical system damp when cleaning, so as to avoid accidents and failures.
- (3) Maintenance cycle

Component	Period		Method
	General occasion	Special pollution site	
Primary Filter	12 Months	6 Months	Open the back cover and remove it for cleaning or replacement
HEPA	2 Years	1 Years	replacement
Plasma Generator	2 Years	1 Years	cleaning and maintenance

Note: Special pollution places refer to smoking rooms, newly renovated rooms and places where indoor dust increases due to pollution sources such as chimneys and construction sites.

## 7. Corrective maintenance

Sterilizer has automatic fault alarm function, fault code description:

Fault Code	Fault description	Fault handling
Alarm 1	Fan failure	Cut off the power and contact the manufacturer
Alarm 2	Plasma generator failure	Cut off the power and contact the manufacturer
Alarm 5	Temperature and humidity fault	Cut off the power and contact the manufacturer
Alarm 6	Communication failure	Cut off the power and contact the manufacturer
Alarm 7	Cleaning alarm, work accumulated 1000 hours	Cut off the power and clean the primary filter. Long press "Cancel" button of remote control to clear alarm.

The following summarizes the problems you may encounter when using the product:

Issue	Possible solutions
There is no air out of the outlet after the new machine is turned on.	Please check whether the power supply is connected and whether there is debris blocking the inlet and outlet.
The product is started but the button cannot be operated.	Check whether the product is in the child lock state. If so, press and hold the "Lock" button of the remote control to unlock the button.
The remote control does not work.	Check whether the power insulation bar of the remote control is removed.
The product is too loud.	Please check whether the inlet and outlet are blocked by foreign bodies and whether the cover plate screws are loose.

If the machine still cannot operate normally after checking and excluding the above factors, the power supply should be cut off and the company's maintenance department should be contacted.

## 8. After-sales service

① The product is guaranteed for one year from the date of sale (the warranty period is subject to the sales contract treaty). During the warranty period, the company identified the fault is a quality problem, the company is responsible for free maintenance. If the damage is serious and beyond repair, it shall be replaced.

(2) Consumption of materials, not within the scope of warranty, materials cost borne by the user.

(3) After the insurance, the company is to provide lifelong maintenance services for the products, customers need to pay for maintenance and materials.

(4) Under any of the following circumstances, it does not belong to the scope of free service, but it can be repaired for a fee:

- a) Damage caused by improper use, maintenance or maintenance by consumers;
- b) The whole machine and parts have exceeded the free warranty period;
- c) Repair product model inconsistency or alteration by oneself or not by our Company;
- d) The model of the three guarantees voucher is inconsistent with the model of the maintenance product or altered;
- e) Damage caused by force majeure such as natural disaster;
- f) Product failure or damage due to accidents or human causes.

If there is any unpacking quality problem, you must inform us within 15 days from the date of purchase. In order to ensure your consumer rights and interests, please keep the product packaging properly within 15 days for the machine to be shipped back.

## 9. Storage and transportation

Storage temperature: -35°C to ±50°C

Storage temperature: not more than 80%

Conditions of transportation:



## 10. Packing list

IDX	Name	quantity	Remark
1	<b>Plasma Air Disinfector</b>	1	
2	Quick use guide	1	
3	Operating manual	1	
4	Remote control	1	Internal battery
5	Certificate	1	
6	Power cord	1	