

## Product Model

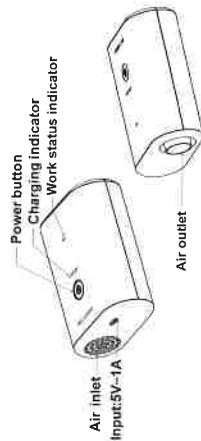
OD-100

## Application Scope

The micromme Ventilation Disinfecter OD-100 generates ozone and applies it as disinfectant.

## Structural Diagram

Structural diagram of the disinfection device.



## Product Composition

This product is mainly composed of an ozone generator (including a high-pressure pack and a ceramic generator), a DC fan, a main control panel, keys, lithium batteries, an enclosure, and a power line. The main control panel controls the ozone generator to generate ozone. The DC fan blows the ozone to the equipment to disinfect its internal loop.

## Product Performance

- Ozone concentration:  $>60\text{mg}/\text{m}^3$ ;
- Disinfection time: 35 min;
- Disinfection effect: Medium-to-low level disinfection.

## Physical and Electrical Parameters

**Table 1** Physical and electrical parameters

Dimension	Length x Width x Height = 120 mm x 90 mm x 45 mm
Weight	200g
Input	5.0 V , 1000 mA (maximum) Power rating: 4 W
Power source	Rechargeable lithium battery, 3.7 V, 2000 mAh
Waterproofing grade	IPX0

## Environmental Parameters

**Table 2** Environmental parameters

Operating condition	Storage condition
-5°C to 45°C	-20°C to 55°C
Relative humidity	15% to 85%(non-condensing) 15% to 85%(non-condensing)
Atmospheric pressure	83 to 102kPa (5600 feet above sea level) /

## Instruction for Use

- Before using the disinfection device, you should unplug the power line of the machine to be disinfected and empty the water in the humidifier if there is a humidifier.
- Power On: long press the power button; the device will make a short buzz, the work status indicator will indicate 'Power On' condition, and its light will turn green, indicating that the disinfection device will start working.
- Power Off: after the completion of disinfection, the device will create five short buzzes, the disinfection device will automatically switch off, and the light on the work status indicator will also be turned off.
- If you want to shut down an operating disinfection device, you can shut it down manually by long pressing the power button. The device will make a long buzz upon the power off, and the work status indicator will be turned off.
- The recommended usage is shown in the figure below:



## Instruction for Charging

- Charging: please charge the device under power off for the best charging effect. The charging indicator (Charge) will turn red during the charging and will turn green after the device is fully charged. This disinfection device can be fully charged after about 2.5 hours.
- Low battery warning: if the battery is too low to operate, the work status indicator will flash in red, and the device will create a warning buzz. The user is recommended to charge at this time. If the ventilation disinfecter is not charged, it can still work normally, but the remaining power may fail to supply a whole disinfection process.
- This product is embedded with a rechargeable lithium battery. The schematic diagram for charging connection is as shown below:



## Warnings

- Do not power on the device while charging.
- Put the ventilation disinfecter and goods to be disinfected into a closed space upon disinfection. It is optimal if the free space is less than or equal to 3 L. A free space exceeding 3 L may reduce the disinfection effect.
- The disinfected machine can be used 2 hours after the disinfection, to enable the complete dissipation of the ozone.
- At a fully charged condition, the ventilation disinfecter can perform at least three disinfection runs.
- The built-in lithium battery has a capacity that meets the safety transport requirements of a passenger aircraft. It can be stored in your carry-on luggage.
- Do not disassemble the machine by yourself. In case of any machine fault, please contact the after-sales service or the agent. Damage caused by self-conducted disassembly will not be covered by the warranty.
- To better charge the built-in rechargeable lithium battery, get to know your mains power's output voltage and current requirements for the charging line and the charger, and please follow the parameters as described in Table 1 of the instruction for Use.

- The working time of the disinfection device is about 35 min. After this time, it can effectively disinfect the product and will shut down automatically. There is no need to extend the disinfection time.
- The performance of the rechargeable battery will decline with the increase of usage times. It is a normal phenomenon.
- Clean the external surface of the ventilation disinfecter with warm water or a soft cloth that has been wetted with a neutral detergent. Before charging, please ensure that the power connection port of the disinfection device is dry.
- It is recommended to sanitize the CPAP tubing and mask weekly.
- Direct inhalation of ozone will strongly stimulate the human respiratory tract, causing sore throat, chest tightness cough etc.
- Don't face directly opening the box or smell very close over the box when OD-100 finished its work. Please wait 20-30 minutes and then open the box slightly a little after work. It could help the ozone spread in the room.
- Try to make sure that the rooms for OD-100 disinfection are ventilated.

## Troubleshooting

Fault	Solution
The machine does not work	Connect the charger as instructed to charge the machine
The charging indicator isn't working	Check the connection between the adapter and the power line
The machine still does not work after charging	Contact the after-sales service or the agent for maintenance
No ozone generated	Contact the after-sales service or the agent for maintenance

## Interpretation for Labels on the Product

Symbol	Definition	Symbol	Definition
⊗	Non-user maintainable parts	⊗	The recycling and recovery of this product is subject to the relevant provisions of the WEEE (Waste Electrical and Electronic Equipment) and RoHS (Restriction of the use of certain Hazardous Substances) Compliance Directives.
⚠	Notice		