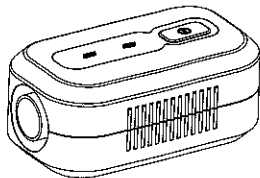


# User Manual



- ⚠ This user manual provides the operation, regular maintenance and safety information.
- ⚠ Read this user manual carefully before use and save it for future reference.
- ⚠ The manual contains the warranty card. Keep it for future reference.

## General Description

Thank You for purchasing the VirtuOx VirtuClean, it is proven Ozone kills 99.99% of germs and bacteria. You can sanitize your CPAP machine and related accessories (e.g. mask, tubing...) completely through a stream of controlled Ozone for approximately 30 minutes. The entire care free and dry sanitization process requires no water soap or chemical cleaning.

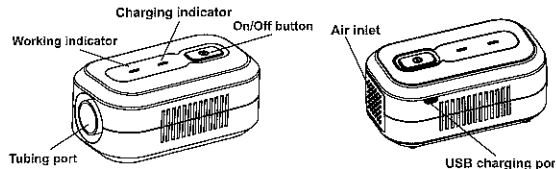
## Safety Precautions

Keep out of reach of children. Do not let children play with the product.

## Environmental Information

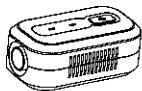
This product contains a rechargeable battery. To support GREEN, please do not dispose of this product with household waste at the end of its life.

## Visual Identification



## Other Accessories

2200, Charger, USB cable, User Manual (with warranty card inside), QA Certificate, Calibrator Cap (optional) and Traveler bag (optional)



2200



Charger and USB cable 2203 (Kit)



Calibrator Cap(optional)  
Part number: 2201



Traveler bag(optional)  
Part number: 2202

**Calibrator Cap** : Ozone has a natural odor which may be unpleasant to some users. Although Ozone dissipates by itself in time, the optional calibrator cap offers an immediate residual ozone removal in CPAP. After each disinfection cycle, apply calibrator cap to the end of the tubing normally connected to mask. When the CPAP is powered on, it emulates the CPAP being used and blows fresh air to remove the residual Ozone rapidly.

**Traveler bag** : Use the traveler bag to carry 2200 and/or accessories. It can also be used to enclose your Full Face or Nasal mask for disinfection cycle.

**Important!** To ensure the electrical charging specifications are followed please use an approved Charger and USB cable.

## Technical Specifications

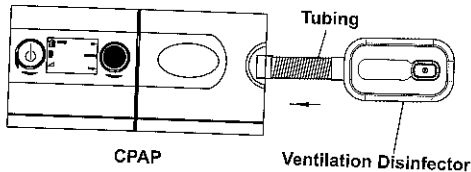
### Specifications

1. Size: 117x68x50(mm)
2. Weight: 205g
3. Rechargeable Lithium-ion battery 2000mAh
4. Power: 4W
5. Storage temperature:  $-20^{\circ}\text{C} \sim 55^{\circ}\text{C}$
6. Operating temperature:  $-5^{\circ}\text{C} \sim 45^{\circ}\text{C}$
7. IPX1 IP (Ingress protection): IPX1

The VirtuCleen has optimized its sanitization cycle to 35 minutes including 30 minutes with ozone and 5 minutes with fresh air. Repeating the cycle is not necessary.

The manufacturer reserves the right to change the above specifications without notice.

### VirtuCleen disinfection connection diagram



## Recommended Use

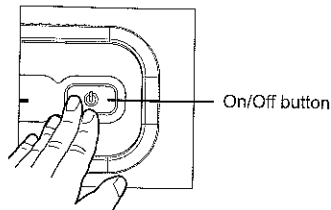
For BEST results VirtuOx recommends the use of the optional travel bag to enclose your Full Face or Nasal mask during the disinfection cycle to allow sanitation of both inside and outside of mask.



## Operation Instruction

Power off the CPAP/Bi-Level machine. Drain water in CPAP reservoir. Connect the VirtuOx VirtuClean device to the CPAP tubing. For a better disinfection result, put the CPAP connected to the VirtuClean device inside the Optional travel bag.

**Turn on :** Press and Hold the On/Off button for few seconds till the buzzer beeps once and the operation indicator turns green. Ozone will start streaming.



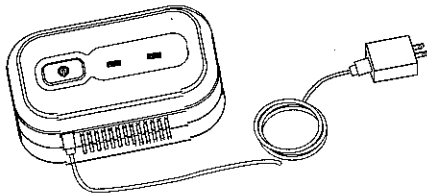
**Operating :** Once the VirtuOx VirtuClean starts working, Ozone will stream for 30 minutes then the device will circulate fresh air for 5 minutes. The last 5 minutes of fresh air will remove most of the residual ozone which may be unpleasant to some users. Green light stays ON during the 35-minute

**Auto Stop :** After the programmed sanitization cycle for 35 minutes, the machine will automatically power off and sound off with five beeps. The operation indicator will then turn itself off. operating cycle.

If for any reasons the user wants to manually turn off the power during the sanitization process, press and hold the On/Off button for few seconds. The machine will sound off with a long beep indicating the machine is powering off. The operation indicator will then turn itself off.

## Charging the battery

The VirtuOx VirtuClean includes a built in rechargeable battery. To charge the battery, connect the product as shown in the illustration - connect the USB cable to charging port and a power adaptor (Not included). Insert the power adaptor into a power outlet.










For the best lithium battery performance and battery life, power off while charging. Charging indicator turns red when it is charging. Charging indicator will turn green when charge is complete.

The time required to recharge the battery will vary greatly depending on the ambient temperature and the battery's remaining capacity. If the battery dies quickly even after being fully charged, the battery may have reached the end of its serviceable life.

**Low Power indication:** When the battery is running low, the power indicator blinks along with long buzzing sound. The disinfectant will continue to operate till the battery charge is completely drained; however, it may not complete 35 minutes' sanitization cycle. We recommend the user charges the disinfectant as soon as the power indicator flashes.

## Important Notes

-  For the CPAP machine configured with humidifier, drain water in reservoir before starting the sanitization process.
-  After sanitization process, wait for an hour before using the CPAP to insure the ozone Odor has dissipated.
-  The user can turn on the CPAP after sanitization to remove the residue ozone odour. If wants to shorten the residue ozone removal time, the user can order a calibrator cap putting on the CPAP tubing end for forcing the residue ozone odour clear out.
-  Ozone concentration is designed by the disinfectant design, enclosing container and sanitization time. The machine design is based on the best sanitization performance. User is not recommended to change any settings.
-  The 2000 mAh rechargeable batteries meets most of the airlines restriction
-  The warranty becomes VOID if repairs are undertaken by unauthorized persons and if original Virtuox parts are not used. To obtain service within the warranty period, Please contact your distributor.
-  It is recommended to sanitize the CPAP, tubing and mask weekly.

## Limited Warranty

VirtuOx offers an 18-month warranty on the product beginning on the date of purchase. For related accessories, the warranty period is 90 days.

The warranty does not cover damage due to improper use and normal wear

The warranty only covers defects in the product resulting from faults in material or workmanship, Free Warranty service or replacement is at the discretion of VirtuOx.

## Troubleshooting

Problem	Possible solution(s)
The product does not work after turning on.	Connect the product to Charger. Plug the Charger to power outlet. Turn on the product.
Charging indicator will not light up.	Make sure the battery has been charged for at least an hour. Check the charger and wire connection.
No sound but machine stops.	Battery is used up. Connect the VirtuOx VirtuClean to power and charge.
Battery is fully charged and VirtuOx VirtuClean is not working.	Check if the charger connection is correct and make sure the cable is good. If this does not solve the problem, send the device for repair/replacement.
After 35 minutes, machine does not stop automatically.	Power the machine again. If does not resolve the problem, send the product for repair/replacement.
No Ozone generation.	If after pressing the On/Off button, no light or fan turns on, connect the product to power charger and plug the charger to power outlet. Turn on the VirtuClean, If power indicator shows green but fan is still not working, send the VirtuClean for repair/replacement.

## Contact Phone Number

Customer name: \_\_\_\_\_

Contact phonenumber: \_\_\_\_\_

Contact address: \_\_\_\_\_

Product Series No: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Distributor Name/Stamp: \_\_\_\_\_

Repair date: \_\_\_\_\_

### Repair records

Main Unit: \_\_\_\_\_

\_\_\_\_\_

Accessories: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Keep the warranty card and the sales receipt. The card is valid with distributor stamp or sales receipt. Thank you.