

Welcome to your
OmniClean!



Welcome!

Welcome to your new OmniClean disinfection system for use with phones, tablets, and other electronics.

We congratulate you on your decision to stay clean and safe by utilizing an environmentally-green product that generates no waste while also consuming very little power.

The OmniClean has been designed to effectively eliminate bacteria, viruses and fungi from anything placed inside it.

Thank you for purchasing this Cleanbox product. We hope that you will enjoy the many features it offers to keep your electronics clean and safe.



Table of Contents

[Packing List](#)

[Unboxing your OmniClean](#)

[Operating the OmniClean Cleanbox Unit](#)

[RFID Tags](#)

[Damage](#)

[How to Pack for Travel](#)

[FAQ](#)

[Certifications & Warnings](#)

[Supplier's Declaration of Conformity](#)

[Independent Testing Procedures](#)

Packing List

- The OmniClean unit
- Power cord
 - The included cord is appropriate for the country to which the unit was initially delivered.
- One microfiber cloth



Unboxing your OmniClean

- 1) Remove the power cord from the foam packing at the top of the unit.
- 2) Remove the literature packet from the top of the unit.
- 3) Remove the top foam insert. Discard.
- 4) Lift the OmniClean from the box.

You have successfully unboxed your OmniClean unit!



Operating the OmniClean Unit

The OmniClean is simple to use. Follow the instructions below to make sure you're getting the most out of your unit.

- 1) Open the lid, place objects on the quartz plate, close the lid and tap the front touchscreen to start the cycle.
- 2) Placing items in the drum: Try to leave some space between objects so the light can be reflected properly in between items so they can be cleaned. Items that are placed directly against one another will not be properly disinfected.
- 3) Leave about 1" from the top of the lid unobstructed. The light cones need to be able to spread out properly to disinfect surfaces within the drum.
- 4) Occasionally wipe the quartz plate with alcohol and a microfiber cloth to keep it transparent. Also, if the top or sides of the drum get dirty, wipe them gently with a warm damp cloth and a mild soap solution.

RFID Tags

- Your unit was delivered with 10 RFID tags. To utilize those tags, just peel the backing off the tag, and affix the tag somewhere on the item that's being cleaned.
- The RFID reader is located on the lid of the OmniClean unit. So, when you open the lid, you just need to tap the tag onto the inside of the lid for the tag's unique ID to be read.
- Once an item has been recognized by the system, the blue (non-UVC) lights in the lid will blink three times to let you know the tag was read correctly. Then just place the item in the drum so it can be cleaned normally.
- If you are placing multiple units in the drum to be cleaned, they can all be tracked independently this way. Just tap each item on the lid and place it in the drum after you see the blue lights blink in recognition.
- If you are subscribed to the Customer Data Portal, you will be able to access all historical data for each Cleanbox unit you own, as well as all the devices that have been cleaned in those units as long as they have RFID tags affixed to them.

Damage

Sometimes, despite the best precautions, damage happens.

Here's what to do when things go wrong.

Damage During Shipping

If your unit arrives to you with damage, please do the following:

- Take pictures of the packaging, showing any damage to the exterior of the box. Please show all sides of the box.
- Take a close-up picture of the shipping label, showing the tracking number and all address information.
- If you can see the damage when you first open the box, please take a picture of the box with the damage showing and all of the packing material intact.
- If you didn't see the damage until it was unboxed, please take a picture of that also, then also take a picture of the box with packing material inside.
- Lastly, please record the serial number. (Serial number is shown on the bottom of the unit toward the rear on a small white sticker.)

Please send those pictures, and a description of what is wrong with the unit, to the sales person that you worked with to get the units delivered. They will ensure that we can work with you to ensure that the situation gets fixed asap.

Product Arrives Intact but Doesn't Function Properly

If this happens, please contact your sales person and they will set up a video conference to troubleshoot the problem with you. If the issue can't be quickly resolved, we will replace the unit for you.

Damage After Receipt

If your unit arrived safely, functioned properly, but then suffers damage while you were using it thereafter, please go ahead and contact us anyway. Depending on what the damage was, we may be able to help.



How to Pack for Travel

We highly recommend that you spend some time packing your unit properly for travel before taking it on the road. The OmniClean is a robust piece of equipment, but baggage handlers and shipping companies can be very rough and you don't want your unit to arrive in a non-working state.

- 1) Use at least a double-walled box. You want a robust container to prevent your unit from being damaged.
- 2) Eliminate **all** empty space. This includes inside the unit. The more empty space there is, the more the unit can shift around and any shifting lets momentum build, which is how damage occurs. Pack the inside of the unit with bubble wrap or paper. Wrap the unit in bubble wrap and use corner protectors on the unit, if possible. Once the unit is in the box, fill every empty space with bubble wrap or peanuts. Do everything you can to eliminate the possibility of shifting.

That's it. You should be good after that. Seal the box securely and send it away.



FAQ

- 1) Will the device keep running if I open the lid/door during a cleaning cycle?
 - a) There is a door switch that triggers when the lid/door is opened to protect your guests and employees from misuse of the OmniClean. The OmniClean is designed to cease functioning if the unit has power, but the door is open. If anyone opens the door while the cleaning cycle is in progress, the cycle immediately ceases. The cycle can be restarted by closing the door and pushing the activation button again.

- 2) Can UVC light harm the materials on the objects I'm cleaning?
 - a) No. UVA (outside light) or UVB (as used with tanning beds) can penetrate glass or plastic and thus can cause damage to the more delicate systems in your headset. However, UVC (medical grade) light is stopped by any thickness of plastic or glass and your headset is completely safe from harm while being disinfected by it.

- 3) How many amps does a OmniClean unit draw?
 - a) Less than 2.9A per OmniClean unit.

Certifications & Warnings



This product converts household current to 12V power for use by its various functions. As such, it is a high power source and high electrical source and should be treated accordingly.

The Cleanbox OmniClean rear enclosure is designed to be accessed by trained maintenance technicians only. It is highly recommended that you do not open this compartment without disconnecting all power sources.

The Cleanbox OmniClean unit has one power inlet which accepts 100-240V, 50-60hz power sources.

FUSE WARNING: Use only a 5A, 250VAC fuse when replacing the fuse for any reason.



UV Light can be a skin and eye irritant if you are exposed to the light directly without any form of protection. However, the acrylic enclosure of the Cleanbox OmniClean unit blocks all UV-C radiation. Do not circumvent the safety systems of the Cleanbox OmniClean unit and you are safe.

This Cleanbox OmniClean, model number 01-01OC, is rated to handle power input of 100-240V, 50-60Hz.



Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier

Cleanbox OmniClean, model number 01-01OC

Responsible Party

Cleanbox Technology, Inc.

222 2nd Avenue South

17th Floor

Nashville, TN 37201

760-385-8820

www.cleanboxtech.com

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



Independent Testing Procedures

How testing works:

There's only one way to definitively determine the efficacy of UVC light: Pathogen culturing & counting.

The testing process:

- Contaminate a surface on the visor with a known pathogen (i.e. harmful bacteria such as MRSA).
Disclaimer: Use a professional lab service to do this. Do not attempt this at home.
- Take a swab of that surface and put it in a petri dish with an agar growth medium as a control, and then place in an incubator.
- Run 60-second UVC cycle on that surface. Then, take a second swab and put it in separate petri dish within the incubator. Repeat for a 120-second cycle and a 240-second cycle.
- Repeat on each surface area you wish to test.
- Allow petri dishes to grow over a 48-hour period.
- A trained lab technician must then use a microscope to count the pathogens remaining in each petri dish.
- The reduction in count between the control sample and the other cycle sample is how reduction rate or "kill count" is calculated.

This is an expensive process that must be repeated for each isolated pathogen, but a methodical laboratory process is the only true way to measure how effective our equipment is in disinfecting the surfaces of your HMD.

Testing that doesn't work:

Customers have asked if they can utilize easier ways to test the product. The short answer is “No.” Any inexpensive, instant or quick-response tests will not accurately measure efficacy.

Protein Residue Testing

The Orion Clean Card Pro is a device you swab across a surface that quickly changes colors to indicate the presence of protein residue. Since protein residue is a growth medium for pathogens, the theory is that wherever there is a growth medium, there will also be pathogens. This is not accurate when using UVC light to eradicate pathogens. UVC light breaks the DNA of the pathogens, preventing them from breeding. An indication of protein residue is not a direct indicator of dangerous pathogens present.

Independent lab testing centers:

ResInnova Laboratories: 8807 Colesville Rd; Silver Spring, MD 20910; www.resinnovalabs.com

The MicroStar Lab: 130 Erick Street; Crystal Lake, IL 60014; www.microstarlab.com

Testing for dangerous pathogens requires certified laboratory techniques on high quality laboratory equipment, carefully controlled pathogens and applications, and expert technicians.



C L E A N B O X
THE FUTURE OF CLEAN

222 2nd Avenue South
17th Floor
Nashville, TN 37201

www.cleanboxtech.com

Customer Service # 760-385-8820

