



UVMICRO[®]
ENVIRONMENTAL

CLEANER IS HEALTHIER[™]

ARE YOUR PATIENTS, STAFF, OR VISITORS AT RISK FROM CONTAGIOUS VIRUSES, HARMFUL BACTERIA OR MOLD?

UV MICRO ENVIRONMENTAL

“Cleaner is Healthier”

Ultraviolet Germicidal Irradiation

CHEMICAL-FREE UV STERILIZATION – A SOLUTION THAT DELIVERS RESULTS

Total Room UV-C Sanitizer

THE ULTIMATE MOBILE ROOM /SURFACE STERILIZER WITH MOTION SENSOR SHUTOFF

Conclusion

IF YOU'RE LOOKING FOR A QUICK AND EASY WAY TO CLEAN AND STERILIZE YOUR INDOOR ENVIRONMENT THIS DEVICE IS FOR YOU

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ABOUT UV MICRO

UV Micro is a Barbados based sanitizing and cleaning company which employs UV light technology and bio-friendly chemicals along with a methodology which revolves around consultation, inspections, scientific analysis and verification to deliver predictable and effective outcomes for clients.

OUR MISSION

Our mission is to continuously research and deliver safe and effective sanitizing and cleaning solutions thus creating a clean and healthy indoor environment for our clients.

UV GERMICIDAL IRRADIATION



The application of UVGI to disinfection has been an accepted practice since the mid-20th century. It has been used primarily in medical sanitation and sterile work facilities. Increasingly it has been employed to sterilize drinking, wastewater and now in every HVAC system. **And for many years now UVGI has found renewed applications in air, surface & environmental sanitization.**

Our UV light systems are designed to target and reduce micro-organisms that cause illnesses such as MRSA, colds/flu, pneumonia, molds, E.Coli, and Salmonella.



1. **HAIs:** A Leading, Preventable Cause of Death According to the CDC, there are more than 700,000 hospital-acquired infections (HAIs) every year in the U.S., and more than 75,000 of those patients die as a result. ³ With HAI rates increasing, more superbugs discovered each year and increased financial accountability for infection rates, it's critical for hospitals to provide the cleanest environments possible to protect patients and staff from infections.

2. **The Role of the Environment** Over the past decade, researchers have concluded that manual disinfection is inadequate for terminal room disinfection. According to studies, more than 50% of health care surfaces are not properly disinfected, leaving behind pathogens that increase the risk of infection by 39 – 353% for the next patient who enters the room.



3. **Why Use Continuous UVC to Disinfect?** UVC's wavelength is germicidal—meaning it is capable of inactivating microorganisms, such as bacteria, viruses and fungi. This quality makes UVC an effective, environmentally-friendly and chemical-free way to eradicate dangerous microorganisms in any environment, but especially in hospitals that contain drug resistant superbugs including *C. diff* , MRSA and VRE

ULTRAVIOLET GERMICIDAL IRRADIATION (UVGI)

How UV Works

MICROBIAL DNA

Before



After



The molecular structure of the DNA is broken down rendering the microbe harmless

The above images depict the microbial DNA structure being broken up as a result of continuous exposure to UVC light

OUR UV MOTION SENSOR SURFACE / ROOM STERILIZER FEATURES

✓ **1. The lamp arm length reach is 36.22"** for maxim ray emission and optimal scope over surfaces

✓ **2. The adjustable lamp arm with range of motion from 30° to 180°** enables you to rest at the arm at an angle best suited to your sterilization needs

✓ **3. Two UV-C high intensity lamps** with button feature that allows you to adjust V-C exposure intensity by choosing whether you want to have one or both lamps on



Digital timer which can run from 15 - 1440 minutes long (24 hours)

With these unique functionalities this device has a practical **dual purpose**



1. Whole room sterilization

Ideal if you need entire space sterilized of germs. Device can operate optimally in room up to 323 square ft.



2. Deep Surface Target Sterilization

Ideal if you work as a professional in which you regularly work on one surface

SIMPLE AND SAFE TO USE

The lamp is easy to position and easy to turn on. After you've set the timer to a length that suits either your schedule or disinfectant needs (**from 1 to 120 minutes**) you're almost ready to go.

Because exposure UV-C rays are harmful to eyes and skin all you need to do is take a few minutes to check and clear the room of all people, animals and plants and you're set to press start. The device even has a time prompter to alert you to when it will start.

Once the device has run for the time set it will automatically shut off. You can then switch off and unplug it, and return the lamp arm to its storage position

MOTION SENSOR SAFETY FEATURE

Imagine you've set the sterilization process in motion to run for an hour on the device timer, but you've forgotten your car keys inside. You can enter the room, retrieve your keys, resume your sterilization and continue your day! Simple as that.

While we still recommend that you check the room and clear it of all pets, plants and people at least now you have the added security of knowing that if you've missed someone **the motion sensor will automatically** stop the UV-C emission immediately, protecting whoever is there! It will only resume when no further movement is detected.

Easy Storage:

To accommodate the UVC long lamp arm, the device was designed to be unobtrusive and easy to disassemble, maneuver and transport to other locations.

- With its 180° range of motion the lamp arm folds back into the chamber base
- The base has 4 wheels with 360° motion making it easy to move into position or transport to various rooms in your building
- At 12.5" x 11" x 45.5" the structure is made of high strength alloy so that it is clean, aesthetically pleasing and durable

**Finally, an
integrated
infection
prevention
solution that
works!**



UVC Disinfection Isn't the Future — It's Now

Enhanced disinfection strategies have become a focal point in health care as recent studies have shown that manual cleaning is not enough to stop the spread of pathogens in hospital settings. Not only do hospital-acquired infections affect the lives of hundreds of thousands of patients each year, but they also cost health care facilities precious dollars.

Now that continuous UVC disinfection systems have been shown by a randomized clinical trial to minimize the relative risk of colonization and infections with 93% compliance of standard cleaning protocols, we invite you to learn how a strategic approach is key to an effective enhanced cleaning program, the benefit of safer care and better outcomes for your next patient and how you can improve your bottom line through successful UVC implementation.



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An ounce of prevention is better than a pound
of cure

— ANONYMOUS

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Do you have any questions?
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