



WORLD
PRECISION
INSTRUMENTS

INSTRUCTION MANUAL

CLEANRAY-2000

Ultraviolet Room Sterilizer

Serial No. _____



**WARNING: PEOPLE AND PETS SHOULD NOT BE
IN THE ROOM WHEN THIS LAMP IS ON.**



www.wpiinc.com

061120

Finally, WPI offers an affordable way to disinfect your office, home or lab with the WPI CleanRay Room model. The CleanRay Room model stands upright with an aesthetic design to fit into any living space. A full 360° path to ensure sterilization of the entire room. To protect the occupants, the unit automatically shuts off when it detects movement in the room. It automatically restarts when the people are out of range. This prevents people and pets from coming into contact with the harmful UV rays.

- **USE IT EVERYWHERE** - You will find yourself using this portable solution in every living space. Use it for kitchen counters, bathrooms, sitting areas, pet areas, offices, hotels and more.
- **100% SATISFACTION GUARANTEED** - Buy with confidence. If you are not satisfied, just send it back within 30 days for a full refund.
- **Sanitizes Without Chemicals or Irritants** - You can sanitize any surface (counters, bathroom fixtures, furniture, etc.) quickly and easily without chemical residue or harsh liquids or odors. Whether at home, work, dorm or bathroom, the CleanRay Room model is ideal for disinfecting almost everything you touch. It is not designed for use on people, pets or food.

FEATURES

- Combines two technologies in one unit - ozone and ultraviolet
- Quickly disinfect your whole room in 30 minutes (~430 ft²)
- Safety comes first with an automatic flashing light that indicates when the CleanRay is active
- Integral 360° degree induction motion sensor to shut off the light when someone enters the room
- Automatically restarts 10 seconds after everyone leaves the room
- Quick sterilization using 254 nm wavelength, the wavelength that disrupts the RNA and DNA of all pathogens like bacteria and viruses
- Stable base design
- Aesthetic design to place in any living space

Notes and Warnings



WARNING: THIS LAMP EMITS UV-C, WHICH IS DANGEROUS AND DAMAGING TO HUMANS. NEVER USE THIS LAMP WITH HUMANS OR ANIMALS WITHIN 10 METERS (30 FEET) WITHOUT SUITABLE PROTECTION. WPI TAKES NO RESPONSIBILITY FOR MISUSE.



CAUTION: Allow the room to vent for 30 minutes after sterilization to allow the ozone to dissipate.



CAUTION: Power surges may cause damage to the UV lamp.

CleanRay-2000 UV Room Sterilizer

SETUP



CAUTION: Always wear gloves when handling the UV light bulb.



See setup video!

1. The box containing the UV bulb is wedged inside the lamp housing for shipping. After unpacking the unit, carefully remove the UV bulb box from the lamp housing. Then, remove the UV bulb from its box.
2. Align the pins on the bulb with the socket in the base of the lamp, and gently slide the bulb into place. Press it down until the bulb snaps into place.
3. Install the A23 battery in the remote control

OPERATING INSTRUCTIONS

1. Plug the UV lamp into a suitable AC power outlet.
2. Turn the unit on by pressing the ON/OFF button on the remote control. The lamp illuminates. The indicator LED flashes for 10 seconds after the lamp powers on, alerting people to evacuate the room. The lamp does not illuminate immediately in order to ensure that humans and pets can leave the room safely before the lamp illuminates. When the motion sensor detects nearby movement, the UV lamp immediately powers off. After the people or pets leave the room, the light remains off for an additional 45 seconds. Then, the light automatically powers on and resumes the sterilization protocol.
3. Select the desired length of time for sterilizing the room by pressing one of the timer buttons. 15' sets the lamp for 15 minutes, 30' for 30 minutes and 60' for 60 minutes. The unit automatically tracks the cumulative sterilization time, even when the unit is interrupted by motion. When the timed cycle is finished, the lamp automatically shuts off.



Recommended Sterilization Times:

- Bedrooms: 15-30 minutes
- Kitchens and bathrooms: 15-30 minutes
- Living rooms: 60 minutes

THEORY OF OPERATION

The wavelength of the ultraviolet light damages the DNA and RNA of microorganisms by irradiating them. The bacteria will not be able to reproduce, effectively disinfecting the irradiated area.

SPECIFICATIONS

Light Source	Quartz ultraviolet
Bulb Life	6000 hours
Material	PC, Iron, Aluminum
Coverage Area	30-40 m ²
Input Voltage	AC100-130 V, AC 200-240 V
Lamp Power	36 W
Ozonization	Yes
Rechargeable	Non-rechargeable
Light Control	On/off switch, Timer (15/30/60 mins) or Motion Sensor
Timing Type	Remote Control Buttons

Warranty

WPI (World Precision Instruments) warrants to the original purchaser that this equipment, including its components and parts, shall be free from defects in material and workmanship for a period of one year from the date of receipt. WPI's obligation under this warranty shall be limited to repair or replacement, at WPI's option, of the equipment or defective components or parts upon receipt thereof f.o.b. WPI, Sarasota, Florida U.S.A. Return of a repaired instrument shall be f.o.b. Sarasota.

The above warranty is contingent upon normal usage and does not cover products which have been modified without WPI's approval and/or which have been subjected to unusual physical or electrical stress or on which the original identification marks have been removed or altered. The above warranty will not apply if adjustment, repair or parts replacement is required because of accident, neglect, misuse, failure of electric power, air conditioning, humidity control, or causes other than normal and ordinary usage.

To the extent that any of its equipment is furnished by a manufacturer other than WPI, the foregoing warranty shall be applicable only to the extent of the warranty furnished by such other manufacturer. This warranty will not apply to appearance terms, such as knobs, handles, dials or the like.

WPI makes no warranty of any kind, express or implied or statutory, including without limitation any warranties of merchantability and/or fitness for a particular purpose. WPI shall not be liable for any damages, whether direct, indirect, special or consequential arising from a failure of this product to operate in the manner desired by the user. WPI shall not be liable for any damage to data or property that may be caused directly or indirectly by use of this product.

Claims and Returns

- Inspect all shipments upon receipt. Missing cartons or obvious damage to cartons should be noted on the delivery receipt before signing. Concealed loss or damage should be reported at once to the carrier and an inspection requested. All claims for shortage or damage must be made within 10 days after receipt of shipment. Claims for lost shipments must be made within 30 days of invoice or other notification of shipment.

Please save damaged or pilfered cartons until claim settles. In some instances, photographic documentation may be required. Some items are time sensitive; WPI assumes no extended warranty or any liability for use beyond the date specified on the container.

- WPI cannot be held responsible for items damaged in shipment en route to us. Please enclose merchandise in its original shipping container to avoid damage from handling. We recommend that you insure merchandise when shipping. The customer is responsible for paying shipping expenses including adequate insurance on all items returned.

- Do not return any goods to WPI without obtaining prior approval and instructions (RMA#) from our returns department. Goods returned unauthorized or by collect freight may be refused. The RMA# must be clearly displayed on the outside of the box, or the package will not be accepted. Please contact the RMA department for a request form.

- Goods returned for repair must be reasonably clean and free of hazardous materials.

- A handling fee is charged for goods returned for exchange or credit. This fee may add up to 25% of the sale price depending on the condition of the item. Goods ordered in error are also subject to the handling fee.

- Equipment which was built as a special order cannot be returned.

- Always refer to the RMA# when contacting WPI to obtain a status of your returned item.

- For any other issues regarding a claim or return, please contact the RMA department

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