



# STERICASE

## OPTICAL FRAME STERILIZATION

03 INNOVATIONS  
Daily Disinfection Solutions  
www.03-innovations.com

## **OZONE UNMATCHED DISINFECTION**



## **CUTTING EDGE TECHNOLOGY**

### **TOTAL SOLUTION**

Ozone has the superior advantage that everything surrounded by air will be sanitized.

### **EFFICIENCY**

Compare a single 20 minute sterilization cycle for 100 frames to small UV units that only disinfect 6 to 8 frames. You would need to disinfect 16 bathes compared to STERI-CASE's single disinfection cycle.

### **WHAT IS OZONE?**

Ozone is simply O<sub>2</sub> air converted to O<sub>3</sub> infused air. The loosely bonded third oxygen atom attacks and inactivates Viruses and pathogens through the process of oxidation.

### **DIVERSE APPLICATION**

STERI-CASE is not just limited to optical frames – virtually anything can be sterilized

### **DEPENDABILITY**

UV Only sanitizes objects directly under the UV light source compared to Ozone that disinfects everything surrounded by air. Any part of a frame that is not exposed to UV radiation may still contain an active virus spore.

**SAFETY** Ozone emission conforms to OSHA safety standards and is measured with technically advanced ozone equipment as shown in IMAGE 3

### **UV COMPARISON**

FDA Warning - Ultraviolet UVC sanitizers can be dangerous and have limited use against coronavirus, warns FDA

<https://www.cnn.com/2020/08/20/health/coronavirus-ultraviolet-uvc-sanitizers-fda-wellness/index.html>

# INSTRUCTIONS TO STERILIZE UP TO 100 FRAMES IN ONLY 25 MINUTES

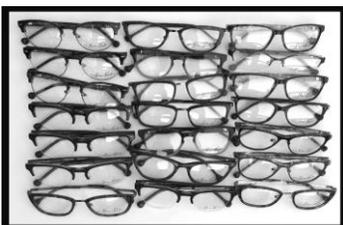
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1. Carefully lift the aluminum case out of the box using the attached shoulder straps.
2. Remove the blue nozzle protector.
3. Open the case to remove the Ozone Generator and place it next to the case..
4. Firmly insert one end of the silicon tube into the ozone generator and the other end onto the stainless steel intake nozzle on the side of the case.
5. Fill the case according to your requirements.
6. Place approximately 20 frames in the case. Four mesh separation plates are supplied. This is an optional procedure to sterilize up 100 frames with 5 layers of 20 frames.
7. Close the case with the latches pressed down.
8. **IMAGE 1** - Plug in the ozone generator and set the TRI-X3 Ozone generator to five minutes. .
9. **IMAGE 2** - Set the timer to 25 minutes. Press start and the timer will count down to ZERO  
The timer provides an additional 20 minutes for the Ozone to dissipate.
10. **IMPORTANT - PLEASE OBSERVE OSHA SAFETY REQUIREMENTS** – Wait until the timer beeps before opening the case.
11. **IMAGE 3** - You may notice a slight Ozone odor during the sanitization period. This emission is below OSHA safety standards which is tested with the precision Ozone Meter as shown below.
12. Do not stand directly over the case during the sanitization period.

**IMAGE 1**



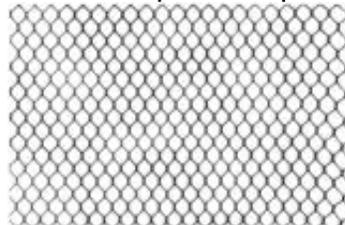
Placement of 20 frames



**IMAGE 2**



4 Mesh Separation plates



**IMAGE 3**



**USING THE 4 MESH PLATES**

This is an optional accessory if you need to sterilize a large batch of frames. These plates can be placed between layers of 20 to 25 frames to prevent scratching and surface contact