

# Novascan Ozone Cleaner

<b>Ozone Cleaner</b>

<b>Tool Type:</b> PDMS
<b>Location:</b> Microfluidics Lab
<b>Description:</b> Ozone chamber with UV bulb and adjustable platform.
<b>Manufacturer:</b> Novascan

## About

From the manufacturer: “Novascan UV Ozone Cleaners have proven to be highly effective for non-acidic, dry, non-destructive atomic cleaning and removal of organic contaminants using intense 185 nm and 254 nm ultraviolet light. In the presence of oxygen, the 185 line produces Ozone and while the 254 line excites organic molecules on the surface. This combination drives the rapid destruction and decimation of organic contaminants.”

## Safety Concerns

- Ultraviolet Radiation Hazard - Due to a device interlock, the UV bulb is only on when the chamber is closed.
- Pinching Hazard - Careful when closing the lid to avoid pinching fingers.
- Electrical Hazard - No liquids allowed.

## Training Documentation

[Ozone Cleaner Training SOP](#)

## Detailed Specifications

Platform volume - about 9" x 9" x 4"

Lamp type - mercury vapor

No temperature control

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## Reference Documentation

[User Guide](#)

[novascan\\_uv\\_ozone\\_checklist\\_r2.docx](#)

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