

# UVOCS UV/ozone cleaner SOP\*

## Warning:

The ozone cleaner is not meant for the removal of gross contamination. For the UV/ozone cleaning procedure to work reliably, the surfaces must be pre-cleaned. One may use a sequence of acetone, methanol, and DI water cleaning with an ultrasonic agitation. The best cleaning results are obtained by placing the parts to be cleaned as close as possible to the UV light source. The ozone cleaner is designed in such a way that the top of the doorway is coplanar with the light source. If the wafer to be cleaned barely clears the top of the doorway, it is automatically in the proper location. The UV/ozone cleaning typically takes about 1 minute.

**!!! Do not introduce acids, bases, chlorinated or fluorinated fumes into the ozone cleaner as they will corrode the internal stainless steel parts and/or damage parts being cleaned !!!**



**Timer** (the time can be set between 0.1 and 99.9 minutes)

**U.V. ON** (light indicator)

**END SEQUENCE** (light indicator)

**POWER** switch

If the timer is set to a non-zero value, the ozone cleaning starts as soon as the **POWER** button is pressed. The “**U.V. ON**” light indicator is lit. The “**END SEQUENCE**” indicator is lit after the cleaning is finished. If the door is opened, the timer is reset, and another cleaning starts as soon as you close the door.

## Operation:

1. If the ozone cleaner has not been used in the past 30 minutes, clean it first. Set “**10.0**” minutes on the timer and press the **POWER** button. The cleaning starts and the “**U.V. ON**” light indicator is lit. The “**END SEQUENCE**” indicator is lit after the cleaning is finished.
2. Open the door and pull out the tray. Load your wafer on the appropriate support tray (two support trays with different height are available). Set the timer. Close the door.
3. When the cleaning is finished, turn off the **POWER**. Open the door and unload the sample. Close the door.

- Princeton University MNFL UV cleaner SOP