



# UVC Surface Disinfection Chamber

- ▶ Powered by Philips® UVC lamps.<sup>1</sup>
- ▶ Studies show UVC has the capability to neutralize most bacteria and viruses on radiated surfaces. It is non-invasive. No chemicals or catalyst is needed during process. No residue is left after disinfection.
- ▶ Patented optical design for excellent corona virus disinfection performance (>99.99%), confirmed by famous virus research center RCEVI of CGU.<sup>2</sup>
- ▶ Safety first. Chamber is designed with multiple safety mechanism. Stainless steel structure with no leaking windows for users' safety.
- ▶ Patented mechanical design for flexible applications:
  - 5 standard file folders (or 2 thick folders and 1 standard when dividers removed) per disinfection cycle.
  - Dividers help to disinfect inner surfaces of folders.
- ▶ Disinfection cycle time can be configured via touch panel: 30-99 seconds. Default minimum is 30 seconds (99.99% performance confirmed). 40 seconds is recommended for better confidence.
- ▶ Touch panel can be operated with latex gloves.
- ▶ Team mode: One leader chamber can command 2 other chambers for large workloads.

### **Cautions:**

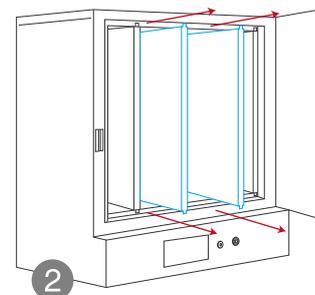
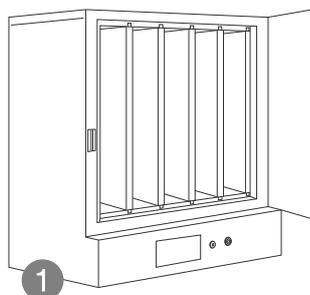
1. DO NOT STARE AT UVC LIGHT without proper goggles and protection cloth. Maintenance and repair works can only be performed by personnel with proper training.
2. DO NOT TRY TO DISINFECT PETS OR ANY LIVING ORGANISMS. Energy of UVC can break molecular bonds of DNA/RNA and causes serious eyes and skin injuries.
3. Plastic or other photo-sensitive material may degenerate or damaged after multiple disinfection cycles. Manufacturer does not take responsibility of material damage after disinfection. Users should place proper judgements when perform disinfection jobs.
4. 1-year warranty (UVC lamps and electronic ballasts are excluded).

<sup>1</sup> Philips® is the registered trademark of Royal Philips.

<sup>2</sup> Confirmation tests of corona virus disinfection were performed by Research Center for Emerging Viral Infections of Chang-Gung University, a leading medical university in Taiwan. Please visit our web-site [www.x-loupe.com](http://www.x-loupe.com) for details.

## OPERATION STEPS

1. Open the door and put into the paper document / folder placed upright in V shape; up to maximum of 5 at a time (see Figure ①).
2. If the document is thicker and needs more space, the middle two reflective baffles can be drawn out (as shown in Figure ②), the space can put thicker or large file folder.
3. Press the start button in the lower right corner to start UV. Designed with the safety mechanism that the light source cut off immediately if the door is opened in halfway after starting.
4. The sterilization is completed in about 45 seconds (the time can also be set on the control panel, up to 99 seconds).
5. Take out the file folder and close the door.



## Precautions

1. Except the paper material, do not put other kind of material file folder (UVC can destroy the plastic structure, it is not suitable to use ultraviolet disinfection machine for plastic items).
2. UVC light are beyond the visible range. Thus, the damage to skin and eyes caused by Ultraviolet rays are easily overlooked. Although the design of machine will make it cut the light source when the door opened; it is recommended to be careful in using any product with ultraviolet light.



### Product Specification

Adjustable Disinfection Time	Min. 30 seconds / cycle Max. 99 seconds / cycle
Light source	UVC 254 nm; 16W x 10 Lamp
Dimension	H62cm x W47cm x D39cm
Weight	32kg
Material	Stainless Steel
Origin	Taiwan
Power Specifications	AC 110V~220V / 50~60HZ MAX: 180W; (110V~1.8A) (220V~0.9A)
Operation Environment	0~40°C / 32~104°F

★In the interest of continually improving products, Lumos Tech. reserves the right to update or modify information contained in this manual without prior notice.

Distributor



7th Floor, No. 8, Wanhe St., Wenshan District,  
11653 Taipei City, Taiwan, R.O.C.  
TEL:886-2-2230-1168 FAX:886-2-2239-2112  
e-mail:service@x-loupe.com  
www.x-loupe.com www.lumos.com.tw



Lumos Technology Co. Ltd.