

Safe, Efficient & Easy-to-use UVC LED disinfection box

Technology

Latest 275nm UVC LED generation

Performance

Validated by an independent French lab

Quickness

20s operating cycle for an instant disinfection

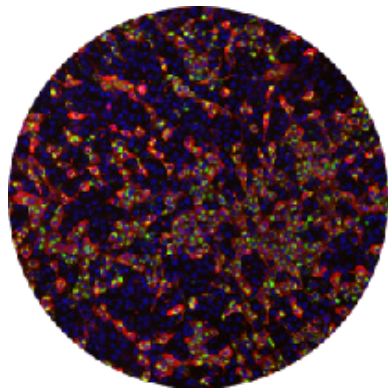
Disinfect objects and tools from viruses and bacteria in only 20 seconds!

In partnership with **IN-STORE FACTORY** for mechanical and decoration parts (customization available upon request), **UWAVE** developed the **USTERI-BOX**. This innovative system, **made in France**, offers an easy and quick disinfection process using the **germicidal effect of UVC light**:

- Thanks to an intelligent Push&Pull sliding drawer, infected objects & tools can be easily set on a grid in the **USTERI-BOX**
- Once the system is closed, the UVC LED disinfection cycle starts for 20 seconds to achieve a **99,99999% reduction rate on SARS-CoV-2**
- Finally, open the **USTERI-BOX** and enjoy a virus-free object without any manual cleaning or chemicals



Demonstrated Efficiency



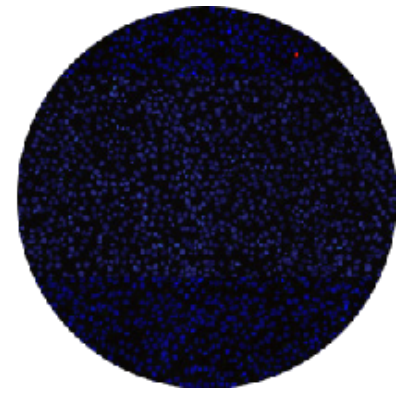
Before UVC exposure



Operating cycle of 20s
in the USTERI-BOX



Results:
99,99999% (7-log)
reduction of SARS-CoV-2
(red and green particles)



After 20s in the USTERI-BOX

The **USTERI-BOX** reduces SARS-CoV-2 particles by **99,9% (3-log)** in a 10s-cycle and by **99,99999% (7-log)** in a 20s-cycle.

Biological tests' results and pictures are the property of **UWAVE**. Those tests were done by our partner, **NEOVIRTECH**, in a BSL-3 laboratory.



Advantages of LED Technology

The **USTERI-BOX** has the common advantages of the LED technology:

- **Optical stability:** instant ON/OFF & no warm-up time
- **Longer lifetime:** between 15.000 and 20.000 h
- **Easier integration:** robustness & compacity
- **Eco-friendly structure:** 0% mercury & no harmful ozone production
- **Energy saving:** fewer electrical power needed to operate



100% Secured from UVC light

- Light turns ON when the **USTERI-BOX** is fully closed and turns OFF immediately when the operator opens it
- No need to wear additional PPE (glasses, gloves...)
- Status LED to inform if the **USTERI-BOX** is ON or OFF: **RED** to indicate a cycle is processing & **GREEN** to indicate the equipment is ready for use



Technical Characteristics



LED Wavelength	UVC - 275 nm	
Reduction Rate on SARS-CoV-2	10 seconds cycle	>99,9% (3-log)
	20 seconds cycle	>99,99999% (7-log)
Power Supply	36W AC-DC adaptator	
External Dimensions	400 x 372 x 200mm (L x W x H)	
Internal Dimensions	260 x 340 x 150mm (L x W x H)	
Weight	9 kg	
Part Number	USTERI-BOX	

UWAVE
UV LED & OPTICAL | SMART SOLUTIONS

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