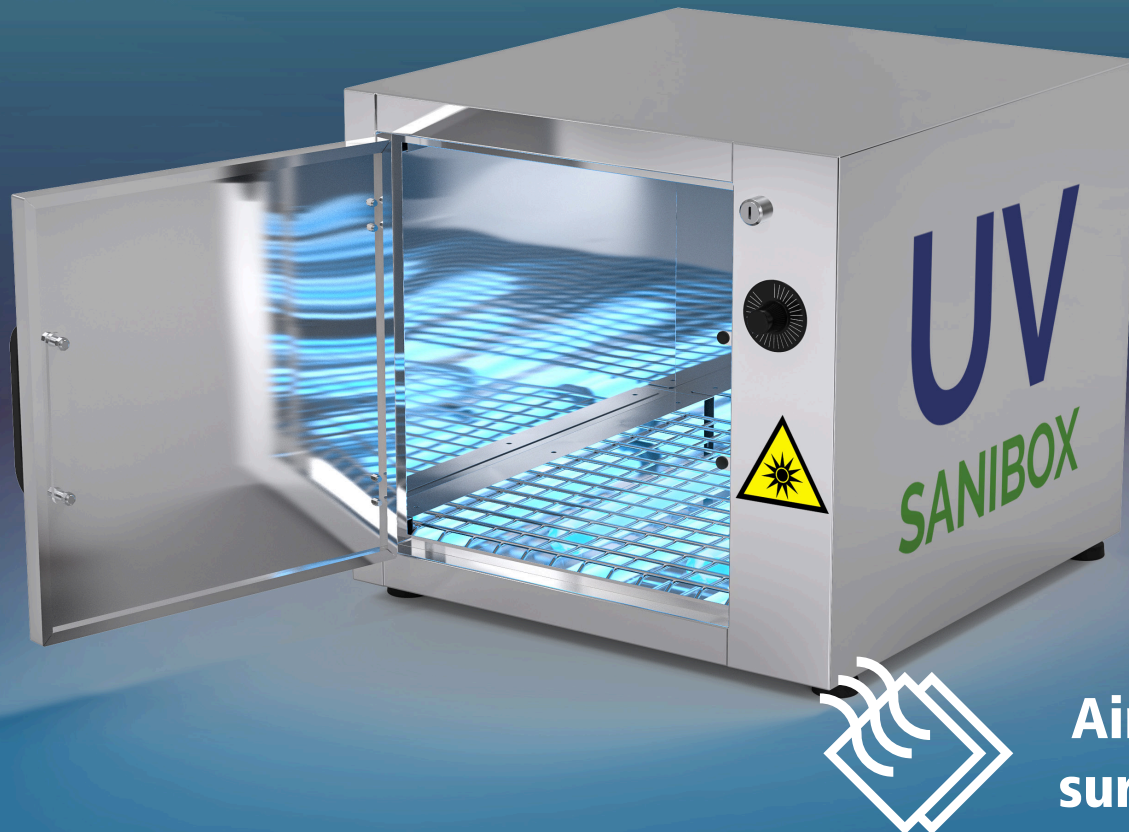


SaniBox

Quick disinfection of objects.



**Air and
surfaces**

✓ **QUALITY**

The UV-SaniBox is made entirely made of AISI 304 stainless steel with reflective surfaces that maximize the irradiation of objects to disinfect.

✓ **SEMPPLICITY**

UV-SaniBox is ideal for disinfection objects (e.g. face mask, scissors, tools, documents, jewelry, packages, etc...). Very easy to use: Plug in and very simple maintenance

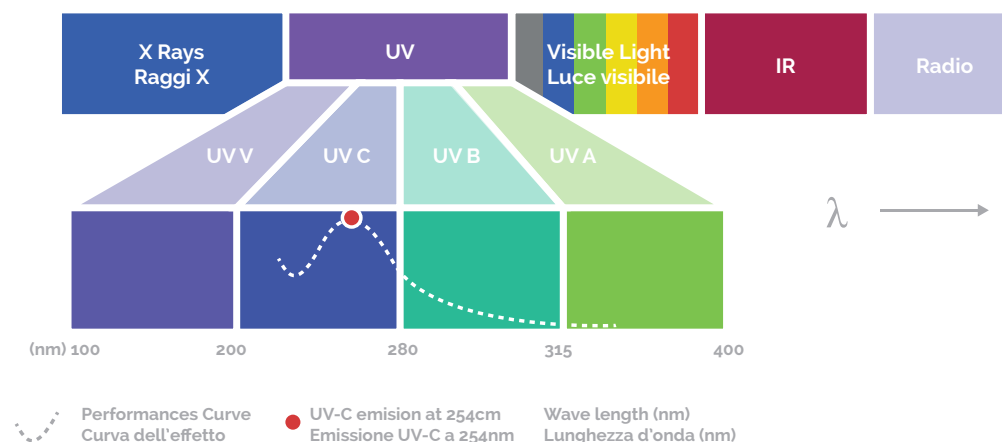
✓ **SECURITY**

The UV-SaniBox is equipped with security systems that prevent accidental Operators irradiation.

The expected security rules according to current regulations are fulfilled to ensure that the unit is switched off in case of opening during the disinfection cycle

UV-SaniBox

The light emission at the particular wavelength of 254 nm is the basis of disinfection systems with treatment by means of ultraviolet light. It is in fact this particular wavelength that allows you to inactivate the DNA of microorganisms by inactivating their proliferation and therefore contamination capacity.



UV light, in general, is a part of the natural emission spectrum of sunlight. The UV radiation is then divided into four under categories based on the wavelength of the radiation itself: UV-A, UV-B, UV-C and UV-Vacuum.

Among the wavelengths of UV light the one to which the DNA of the living beings is more sensitive is the specific UV-C radiation. Living organisms do not have defense mechanisms against ultraviolet rays, as they are always protected from them by the ozone sphere.

UV-C disinfection systems exploit the effects of this radiation on DNA whose helical chain is interrupted by preventing the replication of the genetic code and basically the possibility form bacterial colonies: the affected microorganism is then inactivated, preventing its reproduction.

The sizing of a UV treatment system is concentrated then on the intensity produced within a reaction volume time of contact in which microorganisms are exposed to the Radiation.

Mission

**Disinfecting objects quickly
and improve the safety
of everone**

We strongly believe that our technology can unequivocally limit the probability of contagion, the company Montagna has developed a system that can improve the safety of each individual without altering their daily habits.

...how does it work...

The UV-SaniBox is a disinfection equipment made TO disinfect objects (e.g. FACE masks, tools, documents, etc...) by means of germicidal ultraviolet radiation quickly and in a very easy way.

To activate the disinfection procedure, it is enough to insert the object inside the unit, close the door and set the timer to start disinfection by using the knob on the front of the device. A beep and turn off of the front green light will notify that the disinfection cycle is finished; at this point you can open the door and extract the sanitized object.

The possible accidental opening of the door during the operation will turn off automatically and immediately lamps to ensure the safety of the operator, while closing the door it will automatically turn on again until the end of the time set in the timer.

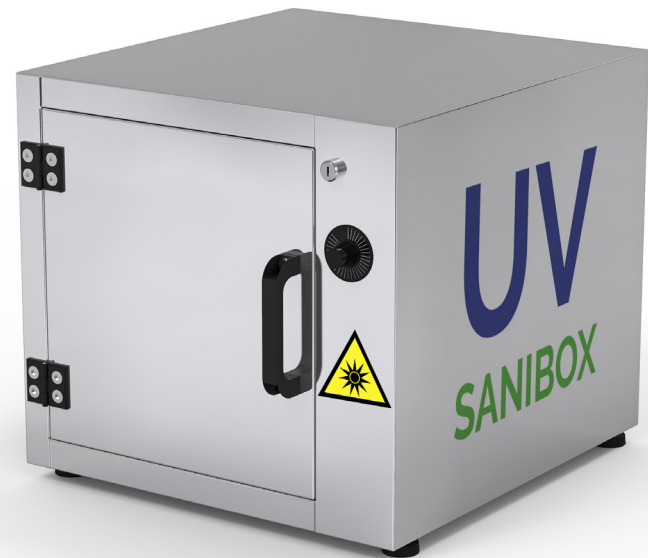
The UV-SaniBox disinfection device is equipped with adjustable feet and, thanks to its small weight and size, can be positioned on work surfaces such as tables, desks, work tops, etc..

The Sani-Box case is entirely made of stainless steel and divided into two separate compartments: in the first the electronic components to drive and control UV-C lamps while the second is dedicated to object disinfection.

Disinfection compartment houses UV-C germicidal lamps with emission wavelength of 254nm. The number and geometric arrangement of UV lamps, as well as the reflective finish of the inner walls, are designed to maximize irradiation on all surfaces of objects to perform disinfection.

Inside the disinfection compartment there is a grid conceived to minimize shadow zones, support objects and the at the same time protect UV-C lamps from accidental impacts.

UV-SANIBOX is built entirely in Italy, with high-quality materials and extremely durable



PROCESS DATA for each individual equipment

Use	quick disinfection of objects	[mm]
Suggested exposure time	60	[sec]
Internal dimensions	450 x 400 x 400 (h)	[mm]
Maximum object size with H < 50mm	250 x 400	[mm]
Maximum object cubage	200 x 200 x 200	[mm]
Maximum weight of insertable objects	5	[Kg]
Maximum electrical power absorbed	0,1	[kW]
Room temperature	+5 ÷ +35	[°C]

