

Superior disinfection performance with UVC technology

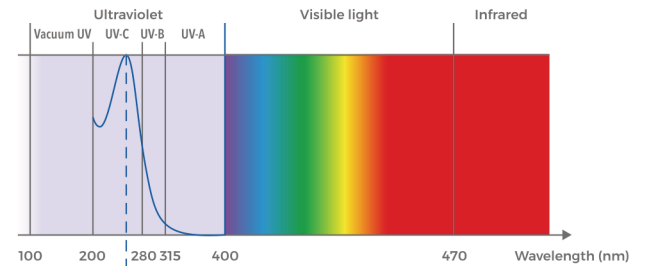


UVC – a paradigm shift for safe and efficient disinfection.

Infections are an increasing problem in hospitals and healthcare in general. While conventional methods, i.e. manual cleaning and disinfection are not replaceable in infection prevention programs, the use of UVC technologies has proven to be an effective addition to current disinfection programs. The use of UVC to disinfect rooms, air, surfaces and small items is becoming increasingly common.

UVC has been applied in the United States for about seven years and is mainly used as a preventative measure. In Europe, the use of UVC disinfection is increasing fast.

Our UVC ed light-based efficiency on pathogens, bacteria and viruses is 99, 9999 %.



For more than 30 years, UVC has been the standard for disinfection of air, water, food, and biotech..

UVC light disrupts DNA and RNA of pathogens, eliminating their ability to replicate. UVC is superior because it eliminates viruses and bacteria regardless of drug resistance and without chemicals. The technical solution has a better range, effectiveness and total disinfection result than alternatives such as chemicals and algogel solutions.



Benefits for staff, patients and management.

UVC is effective, safe, and cost effective for the elimination of all viruses and bacteria. It is extremely efficient. Evidence supports the role of UVC radiation in successfully inactivating the SARS-CoV-2 coronavirus at very low UVC light doses. The same is the case for MRSA and other bacteria commonly existing in hospital environments.

UVC ED is also energy efficient and environmentally friendly. This is not the case for chemical disinfection liquids or other similar solutions, which are hazardous for the environment.

The fact that our UVC solutions are fully automatic, the use of manual and chemicals disinfection is less needed, which results in time-saving and a safer environment.

1

Saves time

The disinfection process is fully automatic and disinfect in seconds.

2

Reduce cost

High and reliable disinfection results: 99,9999 % efficiency on pathogens, bacteria, and viruses in combination with less use of chemicals helps to reduce costs.

3

Environmentally friendly

Easy to install, user friendly products with long lifetime and no maintenance.

4

Safe for the user

No chemicals are used during the disinfection process, less risk of overdosing or allergic reactions. Completely mercury free.

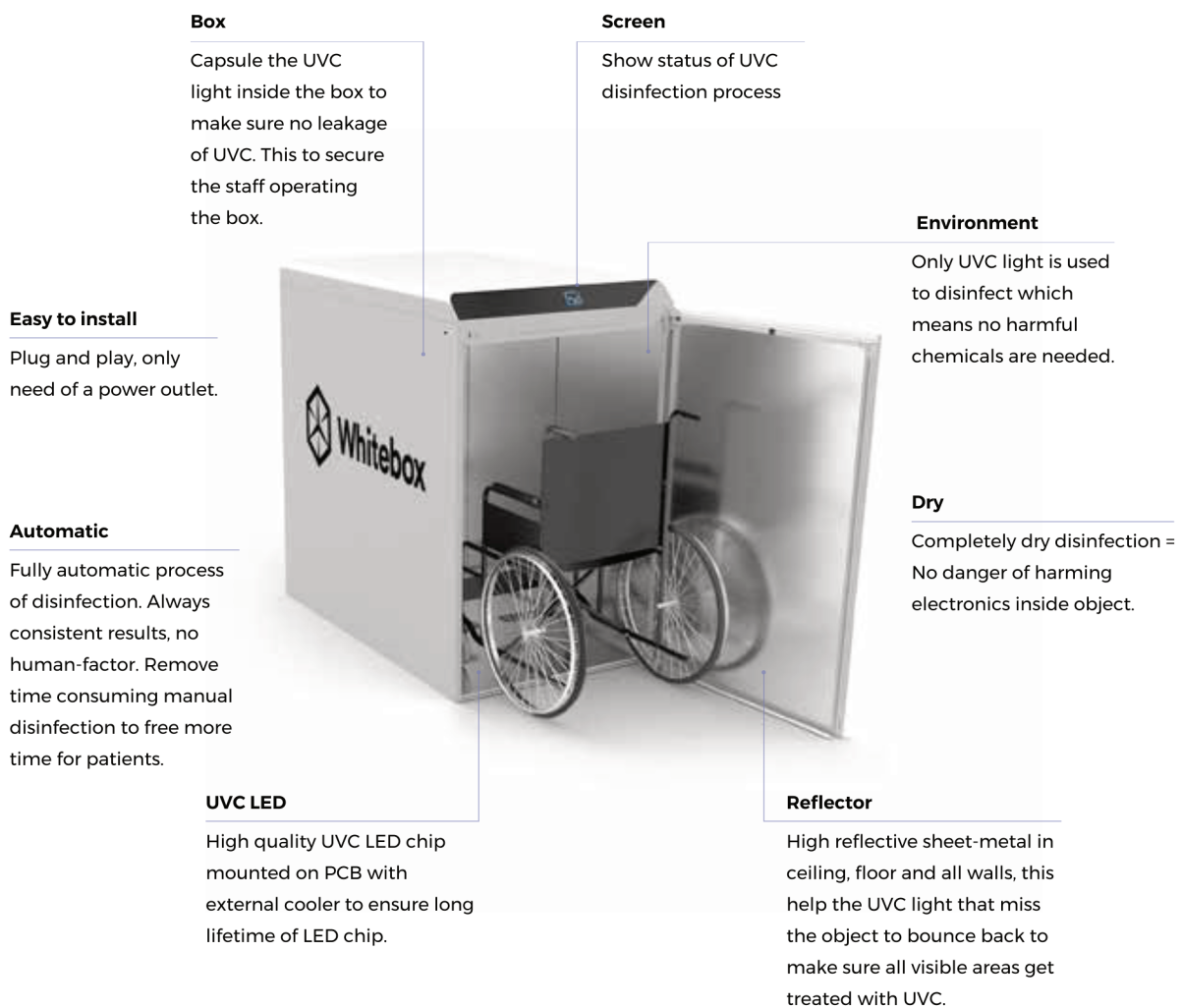


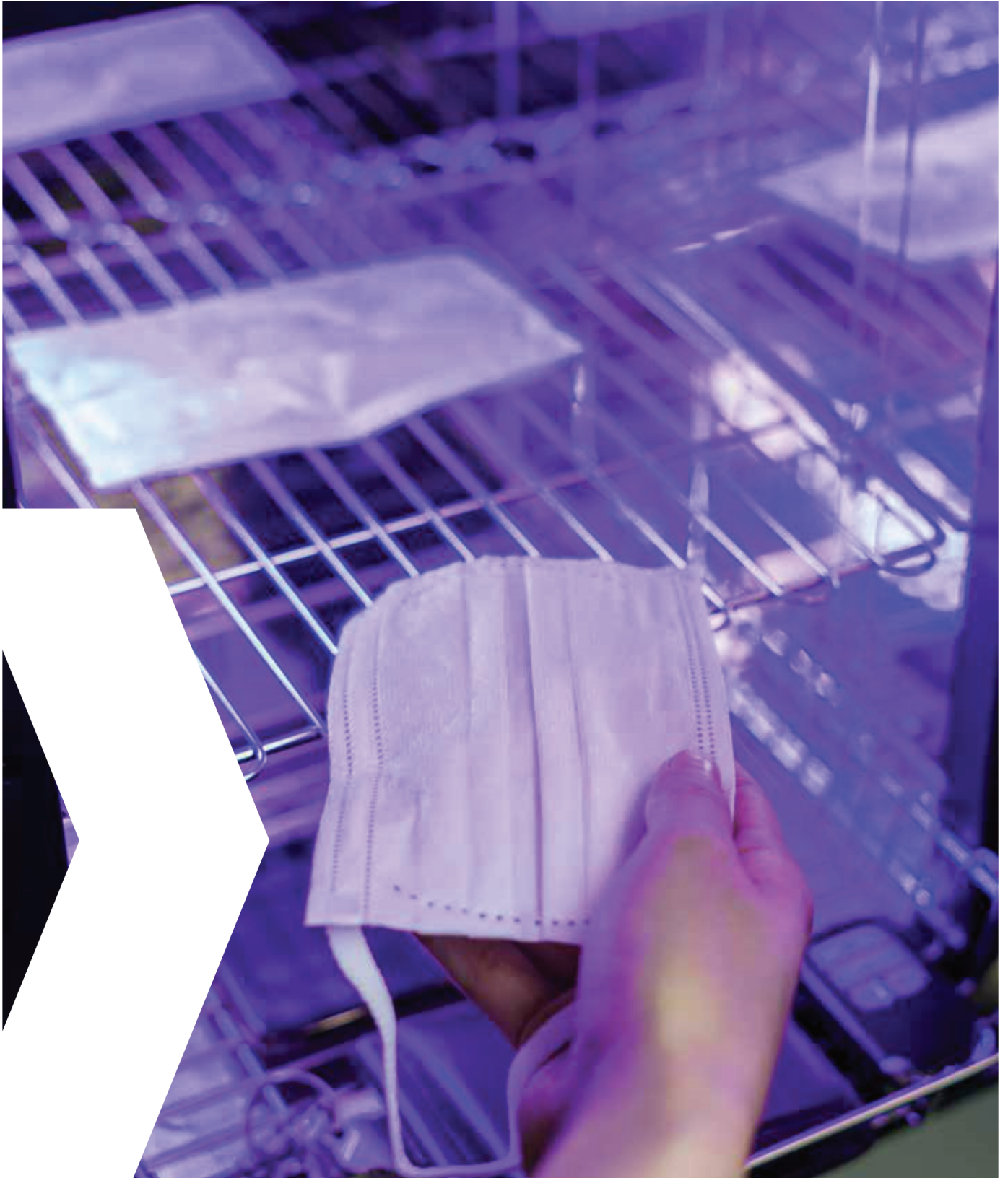
Explore our unique features

With high speed and reliability, our UV light products disinfect medical instruments and equipment. Our products can be used in a wide range of applications, from disinfection of hospital beds, wheelchairs to smaller items.

Our products are easily installed, and the process of disinfection is fully automatic.

Materials used and components are carefully selected to optimize performance. We take pride in being a partner in integrating the product with your everyday workflow. The optimal solution to reduce spread of infection may depend on frequency and contact with visitors and other people in the near proximity of patients or staff at the hospital.





Whitebox Micro

Studies show that 71.2% of cell phones have contagious bacteria and virus that every day spread infection at work. With Whitebox, you safely and efficiently disinfect your mobile phone, keys, hand controls, glasses, etc. in just seconds.

Whitebox removes microorganisms, bacteria, and various viruses by as much as 99.99%.

Areas of use are dental clinics, public spaces, receptions, hotels, breakfast rooms, conference rooms, office landscapes, co-working spaces, etc.



Whitebox Micro



Whitebox Micro is easy to install, just plug and play. The UVC Led based solution is completely mercury free, easy to use and can fit in any working environment.

Measurements

Weight: 4 kg
W: 220 mm
H: 247 mm
L: 306 mm

Whitebox Mini



Virus and especially multi resistant bacteria causes every year huge suffering and cost for healthcare environment across the world. The spread of bacteria and virus often comes from multiple people handling the same objects. For example, different medical devices used on multiple patients, needs to be cleaned and disinfected after each patient use.

Whitebox Mini provides an effective disinfection of items such as VR-goggles, medical devices like stethoscopes, blood pressure cuffs, surf tablets, glasses etc.



Whitebox Mini



Whitebox Mini is easy to install, just plug and play, and the Led based design is completely mercury free, making it very safe to use in different health-care settings.

Measurements

Weight: 6 kg
W: 326 mm
H: 432 mm
L: 343 mm

Whitebox Wheelchair Station

Wheelchairs are proven to be contaminated by several pathogenic bacteria, among them antibiotic resistant bacteria. In healthcare settings and hospitals, there is an average 52% failure to clean and disinfect wheelchairs properly between patients.

Normal manual disinfection of wheelchair equipment is proven to be difficult. The reliability ranges from approximately 30-70 %. Ultraviolet Sterilization on the other hand is well proven to eliminate viruses and bacteria. UV-C light is gentle on products and eliminates bacteria and viruses fast, without the need of liquid cleaners that contains alcohol.

Whitebox effectively removes microorganisms, bacteria, and various viruses by as much as 99.99%.



Whitebox Wheelchair station

The L-size box for wheelchairs is a fully automatic plug and play product. Delivered with a built-in screen to visualize disinfection progress. Perfect for Healthcare settings and hospitals.

Measurements

85 kg
W: 850 mm
H: 1360 mm
L: 1337 mm

Whitebox Bed Station



Hospital beds are contaminated by several pathogenic bacteria, among them antibiotic-resistant bacteria. The current state of cleaning and disinfecting beds and mattresses is both time-consuming and dangerous because it can leave residual bacteria that can be transmitted from patient to patient.

For example, almost all hospital beds and mattresses in the UK are often cleaned by hand. This is because approximately up to 98 % of the hospital beds are non-washable (IPX4). They cannot be cleaned by automated systems using water and chemicals as these would damage electronic components.

The Whitebox Bed Station, powered by UV-C technology saves time and increases reliability by a fully automated cleaning process. Ultraviolet Sterilization is effective up to 99.99 % levels and handles surfaces that are hard to clean by hand. Suited for Healthcare settings and hospitals.



Whitebox Bed Station

The Whitebox Bed Station is a plug and play product which doesn't require any training before use. It is pre-programmed for a one-minute cleaning program.

Measurements ??

Whitebox Air Cleaner

Air is contaminated by several viruses and pathogenic bacteria, among them antibiotic resistant bacteria. In workplaces, this causes 17-20% sick-leave.

Designed to disinfect air from particles, bacteria, viruses, and other microorganisms the air cleaner prevents sick leave and illness. Proven UVC light technology is applied, which targets smaller viruses like COVID-19 that traditional mechanical filters cannot eliminate.

Whitebox air cleaner is soundless, which means no disturbances and targets the main source of contamination. Tests shows that the air cleaner already after 24 hours stops all growth of bacteria and virus. After 48 hours a room using a Whitebox air cleaner was 99.99% sterile.

Suited for any office, professional setting or healthcare environment.



Whitebox Air Cleaner

User friendly and maintenance free, the Whitebox Air Cleaner offers secure and efficient elimination of bacteria, pathogens, and various viruses.

Desinfection tunnels



The UVC disinfection tunnels are used in areas where you need to transport and disinfect products between decontaminated areas to sterile areas. With the combination of innovation and technology, our tunnels can be adapted according to the needs of each customer. We also offer special solutions, taking pride in a smooth integration with existing logistics and work routines.

Suited for Healthcare settings and hospitals.



Desinfection tunnel



Whitebox tunnels are completely LED-based and mercury free, with built-in screen to visualize disinfection progress.



Revolutionising disinfection of viruses, bacteria and pathogens through UV-C technology to achieve a more healthy, productive, and sustainable future for the clients who implement our solutions.

www.medguard.ie
orders@medguard.ie



Whitebox