

Below are some frequently asked questions for BioShift®. If you still cannot find your answer here please contact our help desk on 01842 763752

***Q: Will BioShift® UV-C pass through chambers kill Covid19?***

A: Yes. The UV-C radiation wavelength, intensity, and time of 1 minute inside the BioShift® chamber will kill all known viruses and pathogens including Covid19 types.

***Q: How does UV-C radiation work?***

A: Germicidal radiation (UV-C) at a peak wavelength of 254nm deactivates the DNA in bacteria and viruses by destroying their ability to multiply and cause disease. There are two factors that directly influence the effectiveness of UV-C disinfection: time of exposure and light intensity. The amount of time UV-C is exposed to any given pathogen is proportional to the rate of elimination.

[https://en.wikipedia.org/wiki/Ultraviolet\\_germicidal\\_irradiation](https://en.wikipedia.org/wiki/Ultraviolet_germicidal_irradiation)

***Q: Is it safe to look through the inspection glass during operation?***

A: It is perfectly safe to look through the inspection glass during operation as the UV-C radiation is completely blocked by it.

***Q: How do I maintain cleanliness inside the chamber?***

A: General dusting with a dry cloth or wiping down with soapy water is ok.

***Q: How often do the lamps need to be changed and can I do this myself?***

A: Lamps should be replaced every 1,000 cycles for the chambers to remain 100% effective. They are simple to replace (like replacing fluorescent light tubes) and can be carried out and added to your existing internal maintenance programs.

***Q: How do I know when to change the lamps?***

A: The display panel has an automatic counter and will flash with a warning to change the lamps.

***Q: Can I put PPE, clothing and footwear inside the chamber?***

A: Protective goggles and visors can be put inside the chamber. Face masks are currently being tested as some low-quality versions can experience material break down after exposure. Over the coming weeks we will be able to recommend what types of face masks can be used inside the chambers. All common footwear is fine and will disinfect the outside of the shoe. Clothing is limited to one item only at a time and must be on a hanger due to risk of shadowing.

***Q: Can I put different multiple items inside?***

A: Tools, mobile phones, tablets, laptops, handbags and all other personal belongings can be put inside the chamber.

***Q: What is the temperature inside the chamber during operation?***

A: During a 5-minute cycle a maximum temperature of 37°C is reached.



***Q: How easy is BioShift® to operate?***

A: The BioShift® unit operates with a simple one-touch button operation.

***Q: Could somebody open the door during operation?***

A: The door automatically locks during operation and cannot be opened.

***Q: What is the warranty of BioShift®?***

A: The BioShift® unit comes with a 2 year machine warranty, and the lamps 1,000 cycles or 12 months.

***Q: Can I change the exposure time if I want to?***

A: Exposure times can be altered to individual needs from a minimum of 59 seconds up to a maximum of 59 minutes, however 5 minutes is the recommended exposure time.

***Q: Do I have to set the exposure time every time I operate the machine?***

A: No, the machine will always default to the pre-programmed time.

