
AIR GUARDIAN

Complete Protection From All Airborne Pathogens



Three years in development and testing, the Air Guardian is designed to clear spaces of harmful pollutants with its unique filtration system.

Running on 12 volts allows the same product to be used world-wide in offices and in vehicles such as cars, caravans, trains and boats.

The Air Guardian can clear rooms of all pollutants and pathogens at a consistent rate of around 80 m³ per hour. By clearing particles in the air it means that we can also clear viruses since viruses cannot survive outside a host and remain suspended in particulate / biological matter.

Part of the Patent for the Air Guardian involves a unique method for controlling the airflow to prevent local microclimates and to this end the

Here we see the compact size of the Air Guardian next to our handheld Laser Particle Detector used to prove the efficiency of air cleaning.

filter system uses an onboard micro controller to achieve this. The pseudo random nature of the control gives the product world beating performance and with a near 100% absorption rate for destroying all airborne pathogens.

Our handheld Laser Particle Sensor is designed to detect airborne particulate matter so we have an accurate means of testing the number of particles on the input of our Air Guardian filter machine and the resulting reduction of particles on the outlet proving it works with extremely well.

After consultation with UK Government labs at Porton Down, CEIDR and Perfectus, one of the lead scientists (tasked with designing a test for airborne viruses) gave us the idea for the Laser Particle Detector.

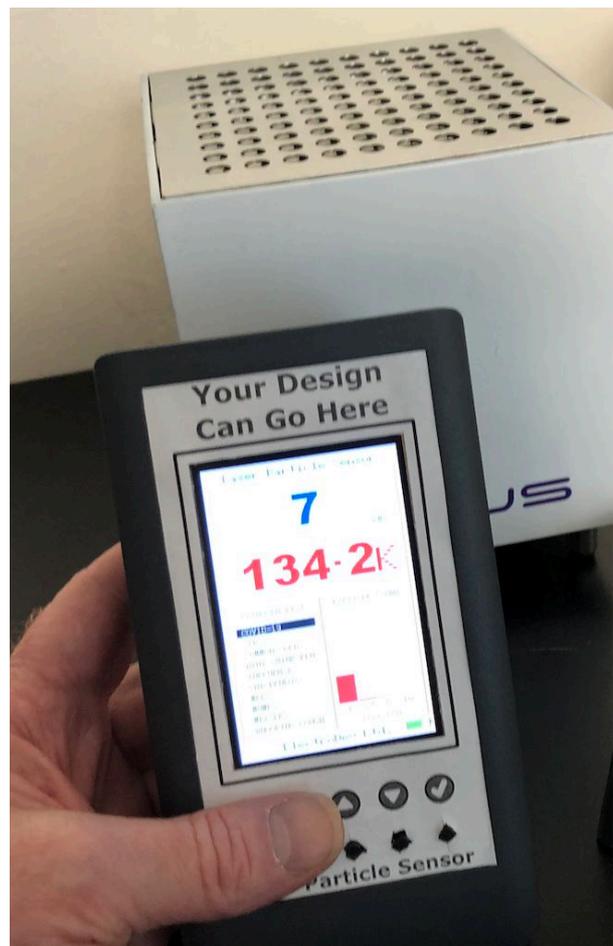
The principal is No Particles = No Viruses.

The Laser Particle Detector is rechargeable and can be set to a simple mode should it be required and it is set up to give the potential numbers of different viruses based on the number of particles detected.

Influenza in care homes is an obvious application along with hay fever protection for office workers or those specific sufferers from those specific types of allergens.

The Air Guardian Icarus is designed to medical standards by leading UK designers and with the right investment we could start to build these two products almost immediately and neither will require any long periods of testing or certification to enable their sale.

With the world rightly concerned about the long term effects of air pollution and the more immediate and harmful effects of a global pandemic, there has never been a better time to consider investment in the Air Guardian Icarus Project.



Our Laser Particle Sensor can be used to prove the efficiency of the Air Guardian Icarus

“Also as this (Air Guardian) is more prophylactic in terms of preventing infection, the target area would likely be in the community rather than in secondary care post infection”

CEIDR (DISEASES RESEARCH)

For further info call James on:

07855 820732

ICARUS
UV Air Sterilization System