

Combating Coronavirus

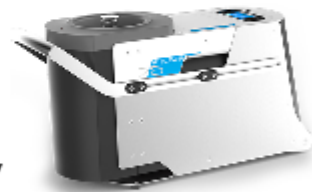
In the UK

Phileas® Technology is The Solution to Infection Control

With recent research confirming that the rapid spread of coronavirus (CoViD-19) is likely due to fecal-oral transmission, a key factor in containing and eliminating CoViD-19 will be properly validated environmental decontamination. The Phileas® range of autonomous airborne decontamination systems are not only simple to operate, but fully validated in accordance with Biocide Product Regulations and by independent research commissioned by the Health & Safety Executive (HSE) in 2018.

The Phileas® automated airborne decontamination system was proven to be:

- **Superior to other products in the trial**
- **As/more effective than formaldehyde**
- **Compact, lightweight and easy to deploy**



A Phileas® 75 Unit

The Benefits of Automated Decontamination Technology

The use of properly validated hydrogen peroxide-based decontamination systems are proven to be the most effective method for surface decontamination across all groups of organisms. Crucially, these systems assist in reducing outbreaks of infections. Hydrogen peroxide-based Automated Room Decontamination Devices (ARDD) must be properly validated for deployment within the EU and UK. Phileas® technology meets AFNOR regulations and has been commended by HSE England.

What Can We Learn From China?

With the outbreak of CoViD-19, studies are being researched and published almost daily. 'Molecular & Sereological Investigations of 2019-nCoV infected patients, implication of multiple shedding routes' – China CDC, Emerging Microbes & Infections, Feb 2020, Vol 9, cited that CoViD-19 can live on surfaces for up to nine days, increasing the likelihood of further contamination and infection.

A further study highlighted that fecal-oral transmission may be behind the rapid spread of coronavirus. The study, conducted by China CDC, confirmed that effective and robust environmental decontamination will reduce further risks dramatically. Phileas® technology is demonstrably effective against such risks, meaning that the healthcare market and workplaces have access to a validated means of decontamination.

Remarks on Phileas® by HSL Buxton

'easy to use, compact and highly mobile, with a simple disinfectant filling mechanism. Remote set-up using a tablet connected via Bluetooth allowed for easy control of the machine from outside the area to be treated. The machines also had an easy to set up fumigation cycle, with good graphics interface showing the cycle progress in real time.'



A shipment of Phileas® systems bound for China



Typical interface for the Phileas® system via tablet Bluetooth