

BioCloud®

REAL-TIME AIR SAMPLING FOR THE CAPTURE AND DETECTION OF SARS-COV-2

BioCloud is a detection system that continuously monitors and analyzes air quality in real-time. It can detect COVID-19 and many other harmful viral and bacterial pathogens.



KEY BENEFITS & FEATURES



Provides continuous reassurance of a pathogen-free space



Can be connected to an existing HVAC system or as a standalone device



Bluetooth connectivity for notifications



Silent alert with optional visual and audible alarm - like a smoke detector



Notification can be integrated into existing software platforms, pushed to a cloud based platforms



Intended for indoor use only with temperature range of 5°C-45°C



Certified 802.11 a/b/g/n/ac for notification connectivity



Powered by 200 watt and 80-264 VAC



Lower detection set based on detection of live SARS-CoV-2 to a level of 0.005ng



Certified by ESAFE to CSA standard SPE-1000
Certified to UL Standards



SAFE SPACE TECHNOLOGY™

HOW IT WORKS

The core of the **BioCloud** device is the Detection Mechanism & Virus Capture System (patent pending) that is designed to detect airborne viruses in real-time.

It utilizes a combination of three independent capture techniques that allows for intact virus sampling while achieving a high capture ratio. With a proprietary detection chamber that can be replaced as needed, it samples the air continuously, and when a virus is detected, an alert is created in the Cloud or over local intranet.

There is no need for complicated swabs, clinical blood tests, or interaction with medical personnel. **BioCloud** can be conveniently installed in various spaces such as classrooms, retirement homes, hospitals, mass transportation, and many more.



PROVIDING SAFE SPACES

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Disclaimer: Kontrol is not making any express or implied claims that its product has the ability to eliminate, cure or contain the COVID-19 (or SARS-2 Coronavirus).

