

Steelcase

KONTROL
BioCloud®

BioCloud®

When talking about safety, detection is just as important as filtration and purification. Return to the office feeling reassured with Kontrol BioCloud's real-time viral and pathogen detection capabilities.



PRODUCT FEATURES

How it Works

BioCloud is a wall-mounted unit that combines a proprietary SARS-CoV-2 detection chamber with an advanced, continuous air sampling process.

The air sampling system draws air in and optimizes it for analysis. The sample flows through the detection chamber which uses both a viral collider and a chemical process to trap virus particles, identifying the SARS-CoV-2 virus with a laser sensor.

When a virus of concern is detected, BioCloud has the ability to communicate through local intranet, Wifi, Bluetooth, the front screen and cloud-based platforms to allow silent alarms to be issued to key personnel.

Each BioCloud is a self-contained analyzer that requires no additional laboratory tests or movement of samples. The proprietary detection chamber and cartridges can be replaced as needed, or after a detection event.

Benefits

- Provides continuous reassurance of a pathogen-free space
- Flexibility to be connected to an existing HVAC system or as a standalone device
- Easy installation to a wall or a stand
- Capabilities for bluetooth connectivity to deliver notifications
- Choice for a silent alert with an optional visual
- Notifications can be integrated into existing software platforms or pushed to cloud-based platforms

About Kontrol

Kontrol BioCloud Inc. is a Kontrol Technologies Company, which is a Canadian public company and a leader in smart buildings and cities through IoT, cloud and SaaS technology. Kontrol provides a combination of software, hardware and service solutions to its customers to improve energy management, air quality and continuous emission monitoring.

Additional information about Kontrol Technologies Corp. can be found on its website at www.kontrolcorp.com.



TECHNICAL SPECIFICATIONS

Dimensions	15.7"L x 14.0"W x 8"H (400 mm x 350 mm x 200 mm)
Weight	35 lbs (16 kg)
Detection Range	1,250 square feet
Color	White or Gray
Decibels	50 to 55 dbc
Voltage	90 – 240 VAC
Approximate Detection Time	15 minutes*
Energy Use	140 – 200 watts
ESAFE to UL Standards	U.S.
ESAFE to CSA Standards	Canada
Wall-Mounted Hanging System	Yes
Mobile Stand (Optional)	Yes**
Warranty	1 year
Communication	Email and text notifications enabled through 802.11 a/b/g/n Wi-Fi connectivity
Independent Validation	Yes***
Touch Screen	7.0" WVGA
Air Flow	50 – 248 CFM

*The Approximate Detection Time calculations are based on a number of assumptions and referenced scientific research. There are numerous factors which can have an impact on detection times.

** See UWO Lab Research Report on the Steelcase product page.

*** Optional with extra charge.