AIR MONITORING FOR FORWARD-MINDED BUSINESSES

A cost-effective monitor that alerts when conditions are present that may increase the risk of exposure to airborne transmission risk based on CO_2 and activity levels*

Honeywell

Research conducted by scientists at the University of Colorado[1] has shown that real-time monitoring of indoor ambient air can be an indicator of increased risk of airborne viral transmission, utilizing different levels of risk-based factors such as CO_2 concentration levels and the type of human activity in the area.*

Using this guidance and Honeywell algorithms, we identified air quality conditions that are driven by common activities and variables such as average room size, number of people present, breathing rate, and duration. The device comes with three pre-programmed indoor activity settings. For each setting, the monitor provides indications using a traffic light pattern (green, yellow, or red) and a sound alarm so users can be aware of conditions that may increase the risk of airborne transmission based on detectable CO_2 levels.

DR. LINSEY MARR, ENGINEERING PROFESSOR, AVID EXERCISER, & ONE OF THE WORLD'S LEADING EXPERTS ON VIRAL TRANSMISSION ADVISED...

"Trying to keep indoor carbon dioxide levels even lower, to around 500 parts per million, and to increase ventilation if the number begins to creep toward 600.[2]"

COST-EFFECTIVE & USER-FRIENDLY

REAL-TIME MONITORING OF INDOOR AMBIENT AIR CONDITIONS CAN BE AN INDICATOR OF INCREASED RISK OF AIRBORNE VIRAL TRANSMISSION*

Using proprietary technology that monitors CO_2 levels combined with settings to account for human activity levels in an indoor area, the **Honeywell Transmission Risk Air Monitor** is a portable, cost-effective, and user-friendly solution that alerts when conditions are present that may increase the risk of exposure to airborne transmission.

The device comes with three pre-programmed indoor activity settings: low, medium, and high activity and is recommended for coverage of 800-1000 square feet. For each setting, the monitor provides indications using a traffic light pattern (green, yellow, or red) and a sound alarm so users can be aware of conditions that may increase the risk of airborne transmission based on detectable CO_2 levels.

Honeywell Gas Analysis and Safety is a leader in gas detection technology protecting workers around the globe. This monitor was developed utilizing our leading technology to support restaurants, gyms, and library's efforts in "in-person" activities.

Activity Based Settings

Low Activity
Reading, quietly talking, 6-foot social distancing, activity duration less than 30 minutes

Medium Activity
Eating, Talking loudly, 6-foot social distancing, activity duration less than 45 minutes

High Activity
Running, jumping, exercising, limited social distancing, higher exhalation rate, activity duration over 45 minutes

The Federation of European Heating, Ventilation and Air Conditioning Associations (REHVA) recommends using CO_2 measuring devices indoors to assess risks of SARS-CoV-2 transmission via aerosols [3 4].

The Honeywell Transmission Risk Air Monitor (HTRAM) analyzes specific air quality conditions and alerts the user when conditions are present that may increase the risk of exposure to airborne viral transmission. It does not prevent or reduce virus transmission nor mitigate viruses that may be present, nor does it detect or warn against the presence of any virus, including but not limited to COVID-19. The HTRAM does not repel or destroy any microorganism, viruses, bacteria, or germs.

- *It is buyer's sole responsibility (1) to determine the suitability of the HTRAM for use in its application, (2) to operate the HTRAM in accordance with the user manual and any other instructions provided by Honeywell, (3) to determine, based on buyer's experience, expertise, and other available tools, the suitability of any product or service it may offer or recommend to the end user.*
- *Buyer is responsible for determining whether the product is appropriate for use under certain statutory guidelines and are likewise responsible for determining whether the HTRAM is subject to any government reimbursement programs.*
- *Any recommendations or assistance provided by Honeywell regarding the use or operation of the HTRAM – through our literature, the Honeywell web site, or otherwise – shall not be construed as representations or warranties of any kind, express or implied, and such information is accepted at buyer's own risk and without any obligation or liability to Honeywell.*
- *The information we supply in this data sheet is believed to be accurate and reliable as of this writing. However, specifications may change without notice, and Honeywell assumes no responsibility for its use.*
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EURO-INDEX est un Centre de Service Agréé pour toutes les marques représentées.

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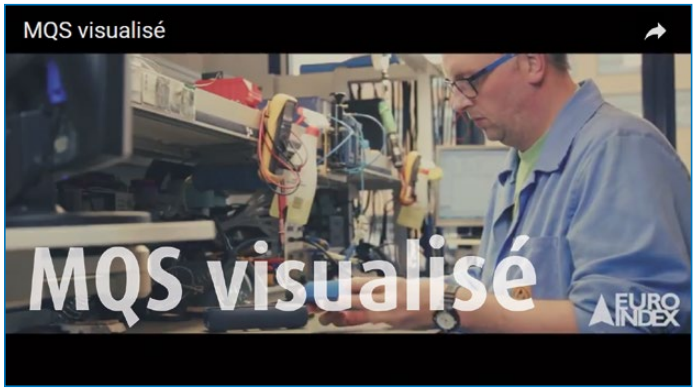
PLUS D'INFOS



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EURO-INDEX Academy

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- Séminaires
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Calibrage de l'analyse de gaz de combustion

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