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**AirTest CO₂ Sensors:
From Saving Energy to Ensuring the COVID-19 Safety of Buildings**

DELTA, BC Sept 8, 2020 – Airtest Technologies Inc. (TSXV: AAT, OTC: AATGF) (the “Company”) President George Graham reports on the increasing customer interest in using AirTest wired and wireless CO₂ measurement technology. Sales of the Company’s wireless CO₂ sensors have started to increase in respect of the greater concern over Indoor Air Quality (IAQ). As the world returns to more normal daily activity, more retailers and other businesses will be looking to assure their customers that their premises are well ventilated.

A recent article in the August 25, 2020 online version of Time Magazine¹ by Professor Jose Luis Jimenez at the University of Colorado-Bolder examined how the virus spreads and strategies to ensure buildings are safe and operated to minimize the spread of COVID-19. Among the strategies advocated to keep buildings safe the professor recommends “we can, for example, use affordable CO₂ measurements to identify the most dangerous, under-ventilated frequently occupied public spaces, and prioritize them.” In the article he references a paper that describes how to quantify ventilation rates using CO₂ to identify the difference between well ventilated and poorly ventilated COVID19 vulnerable indoor spaces².

“Many people don’t understand that CO₂ is not a containment, but rather it is a very good indication of how much outside air is making it into an indoor space to dilute all types of contaminants including COVID19.” Said Mike Schell VP of business development for AirTest.

According to George Graham, “AirTest has been providing a variety of CO₂ measurement technologies for buildings for over 15 years but primarily to control ventilation to match building occupancy to save energy. In the age of COVID-19, CO₂ sensors used to reduce ventilation but maintain good air quality can be reconfigured easily to verify all spaces are always ventilated adequately.”

Today the millions of CO₂ sensors already installed in buildings, as required by code, can be quickly configured to ensure higher ventilation rates and the safety of buildings. Once the crisis has passed the costly but necessary over-ventilation can be turned back to a safe level by using CO₂ demand-controlled ventilation.

However, despite the millions of CO₂ sensors already installed in buildings, CO₂ sensing and control technology is still missing from over 85% of the non-residential building stock because of the cost of hard-wiring this technology into an existing building. To solve this issue, AirTest has developed a wide range of inexpensive easily installed wireless technologies that can measure CO₂ and provide a number of other technologies that reduce energy and improve sustainability in the vast majority of older buildings in North America.

References:

1. Prof Jose-Luis Jimenez, COVID-19 Is Transmitted Through Aerosols. We Have Enough Evidence, Now It Is Time to Act, Time Magazine Online, August 25, 2020. <https://time.com/5883081/covid-19-transmitted-aerosols/>
2. Prof Jose-Luis Jimenez, How to Quantify the Ventilation rate of an Indoor Space Using an Affordable CO₂ Monitor, published at Medium.com August 4, 2020. https://medium.com/@jose_19945/how-to-quantify-the-ventilation-rate-of-an-indoor-space-using-a-cheap-co2-monitor-4d8b6d4dab44

About ATI: AirTest Technologies is a Green-Tech company specializing in sensors that improve commercial building operating efficiency and at the same time create energy savings. These sensors are all based on technical innovations developed in the last ten years and comprise a growing second wave of energy saving technologies that are positioned to make a significant contribution to the Sustainable Buildings Program. AirTest offers its products to leading-edge building owners, contractors and energy service companies targeting the buildings market. AirTest also provides energy cost reduction solutions to building equipment and controls manufacturers who incorporate AirTest sensor components in their products.

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For further information, please contact:

Mr. George Graham, President & CEO

Phone: (604) 517 3888

Fax :(604) 517 3900

Email: ggraham@airtest.com

Website: www.airtest.com

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