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PureAire Gas Detection December Newsletter

Developing an effective vaccine can take several years before it is deemed safe for human use and, thereafter, manufactured and made available for widespread distribution and inoculation. So, the news that there are several COVID-19 vaccine candidates awaiting approval is very exciting to say the least.

While the world awaits distribution of the vaccines, cryostorage manufacturers, and the commercial transportation industries are working to meet the challenge on how to safely store and transport the billions of COVID-19 vaccine doses around the world.

PureAire is proud to support our biotechnology, pharmaceutical, cryostorage, and transportation customers as they continue to research, develop, and distribute the drugs and vaccines that help keep all of us healthy and safe

Visit our Website

Don't Throw Away Your Shot...
the Cold Truth About Vaccine Handling and Storage

In modern times, vaccines have been widely used to keep people healthy by protecting them from serious illnesses and diseases. Worldwide, vaccines annually prevent millions of deaths, and their utilization is responsible, in many parts of the globe, for the nearly total eradication of numerous diseases, including polio, measles, and smallpox.

According to the U.S. Centers for Disease Control (the "CDC"), a vaccine for a specific disease stimulates an individual's immune system, causing it to produce antibodies to counteract the antigens associated with the disease in question, just as one's immune system would do if one were actually exposed to the disease. The concept is that, after getting vaccinated, the inoculated patient develops immunity to the disease without first having to contract it. Unlike medicines, which are used to treat or cure diseases, vaccines are intended to prevent them.

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Industry Spotlight - Pharmaceutical

Medical facilities and pharmaceutical labs rely on nitrogen gas to maintain frigid temperatures for cell preservation, vaccines (including manufacturing and distribution, storage, tissue destruction, and to put out fires.

For sterilization purposes, nitrogen gas assists with purification by removing oxygen from the environment. This extends the shelf life of a product, while also ensuring that labs growing tissue cultures can maintain a sterile environment.

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Featured Product

Our featured product is our Dual O2/CO2 Monitor designed for continuous monitoring of oxygen and carbon dioxide in confined spaces.

- No maintenance zirconium O2 cell and long life CO2 sensor
- No calibration required for oxygen
- Self-calibrating CO2 sensor
- Local backlit concentration display
- Built-in audible horn
- Built-in visual LED alarm indicators
- Alarm level 1 and 2 for O2 and CO2
- No drift due to environmental or temperature changes
- 3-year warranty
- 24V DC Power Supply Included.

Additional Information

PureAire Google Reviews

"Our company SunBeam Laboratories manufactures hand sanitizer. We have a need for continuous monitoring of our ethanol vapor levels in our manufacturing facility. We decided to purchase an Ethanol Gas Monitor for Hand Sanitizer Production from PureAire. We added a high level alarm to the PureAire system to notify employees of a potential dangerous situation. The instructions that came with the unit were very clear. To date the system has performed as advertised." - Danny C.

"The PureAire oxygen monitor is reliable and easy to install. The company was recommended by our liquid nitrogen vendor. I found the Regional Sales Manager, David Austin, to be extremely quick to respond to my queries and installation questions." - Sepideh H.

"This is the second O2 monitor purchased from PureAire. Systems and customer service is always great."
- Richard R.