



New technology for environmental water and wastewater treatment.

For water and wastewater treatment, NanO2 infusion technology provides enhanced levels of dissolved oxygen for increased biological activity, enhanced organic sludge reduction, oxidation of various contaminants, and wastewater odor management.



01

POWER OF SMALL

The micro nano-bubble concentrated solution enables a very small volume — as low as 10% of the volume of water or wastewater to be used — to effectively aerate large volumes of water or wastewater.

02

BETTER RESULTS THAN TRADITIONAL AERATION

NanO2's micro nano-bubble technology improves upon traditional aeration processes and is an innovative alternative to current aeration technology. We use high velocity engineered nozzles to create clouds of micro nano-bubbles in solution, delivering supersaturated oxygen and other gas-water solutions which optimize remediation or wastewater treatment, biological activity and wastewater odor management.

03

LESS OPERATIONAL COST, MORE EFFICIENCY

Our energy efficient process can reduce power consumption by more than 60% over current aeration systems. The micro nano-bubble process results in enhanced solubility and gas transfer efficiency, making higher concentrations available, providing more interface surface area and extended time in solution. It combines for better biological activity, chemical reactions or emulsification of various contaminants.

NanO2 is dedicated to using advanced infusion technology to solving the aeration challenges facing today's industrial and municipal facilities.

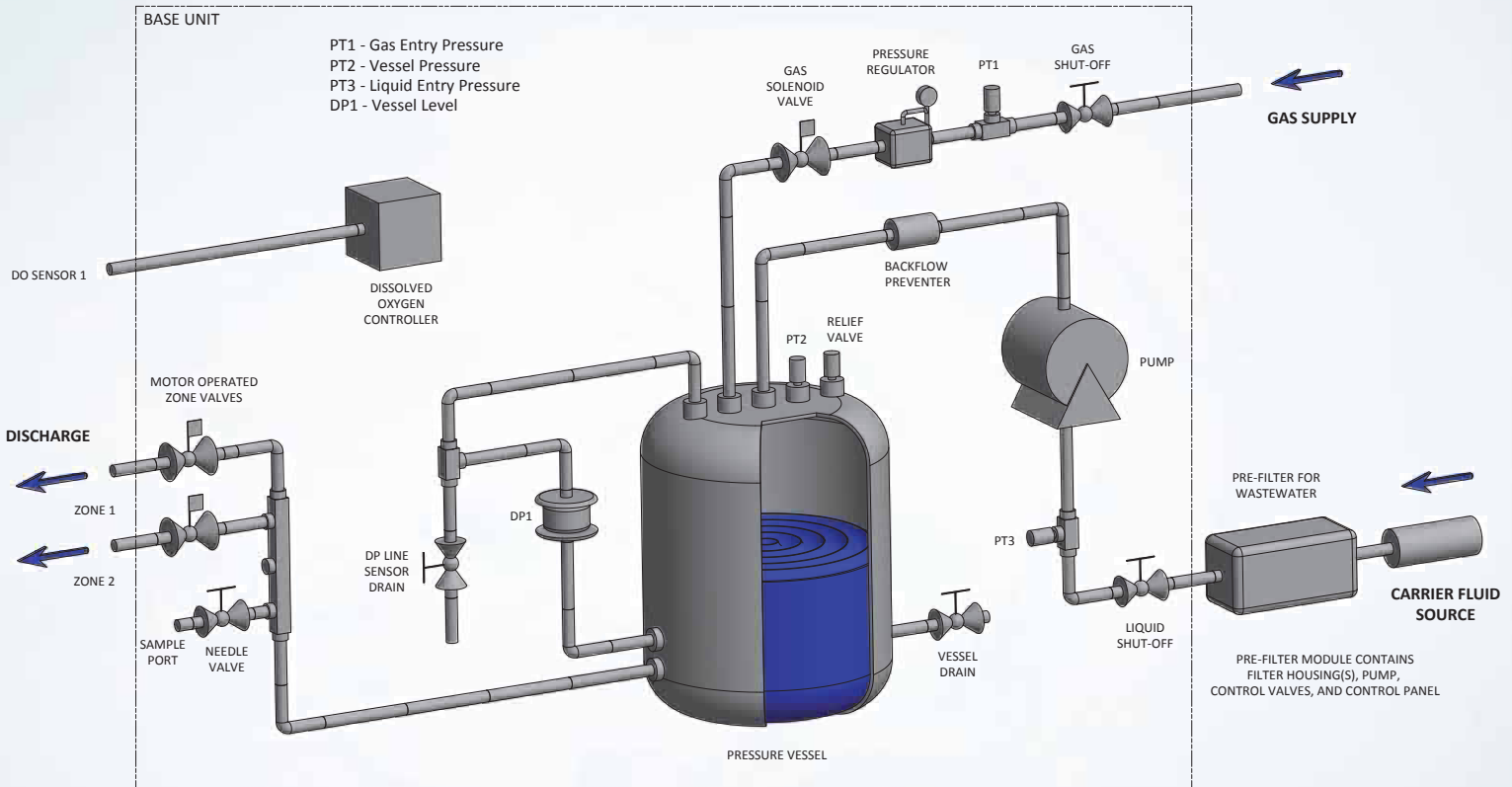
REDUCE

- ★ energy consumption
- ★ off-gassing
- ★ installation costs
- ★ operation costs

Learn more about how NanO2 technology can help improve the overall quality of your wastewater treatment process.

Email to sales@nano2.com or call today!

NanO2 Brings A Highly Efficient Aeration Process for Wastewater Management



Potable or wastewater is pressurized, then atomized and passed through a concentrated gas zone within the NanO2™ process vessel. This creates the micro nano-bubbles in the high-density, two-phase solution that is discharged as determined by the process control.

The NanO2 process is capable of delivering a solution with dissolved oxygen content up to 40 times that of conventional aeration. Our simple delivery system reduces cost and can be installed quickly with minimal tools or labor.

NanO2 nozzles can be adapted to produce a range of bubble sizes to satisfy an array of applications. The high velocity discharge aids in mixing and suspension of solids and the dispersion of the dissolved gas in water and wastewater.

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