

Application Note

Medical Grade Oxygen Generation Brewery Application

Oxygen critical component in wort

Necessary for cell membrane synthesis

Oxygen is a critical component that yeast need to grow and multiply and it is the *only* ingredient not naturally found in wort. Necessary for cell membrane synthesis, yeast require oxygen to produce sterols and certain unsaturated fatty acids necessary for cell growth.

The price of inadequate oxygenation is high, resulting in inadequate yeast health and propagation. The true cost? Yeast that are unfit to produce the flavor and aromas desired in your final product.

The maximum level of oxygen that can be dissolved into wort when using air is 8 ppm. Some yeast strains need more oxygen than others. To achieve higher levels you need to introduce a higher concentration of oxygen.

OGSI Oxygen Generating Systems produce medical grade oxygen with just ambient air and electricity. Whether your operation is large or small, **OGSI** can help you determine the right generator to suit your needs.



Generate oxygen, eliminate cylinder rental & expenses

Features and benefits

- Need only room air and electricity to generate your own medical grade oxygen
- Completely self-contained
- Virtually maintenance free
- A safer alternative to delivered cylinder oxygen
- Eliminate dependency on delivered oxygen
- Eliminate cylinder rental and delivery fees
- Generate as much or as little oxygen as needed



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