Fermentation professionals understand the benefits of ozone as a safe, organic disinfection tool that can replace traditional or harsh disinfection products. Ozone is an organic disinfectant used in the winery, brewery, and cidery that produces a more desirable product through the control of bacteria, molds, and other microbes. Use it to wash down wall, floors, equipment, transfer lines, fermentation tanks, and to rinse barrels and bottles with just the push of a button. It can also be used to treat well-water providing safe, oxygen rich water for all processes.

Purifico offers a unique family of affordable stationary and mobile ozone systems that provide disinfection for facilities of all sizes and stages.

**Ozone Advantages**

* Ozone is a cold sanitizer which saves energy, extends barrel flavors, and minimizes bottling line maintenance costs and cool down cycles.
* Ozone produced on-site, minimizing the purchase, storing, mixing and disposal of chemicals
* Ozone destroys objectionable taste and odor causing compounds
* Ozone is pH neutral.
* Ozone is compatible with organic food processing.
* Ozone is faster and better at killing microbes than chlorine.
* Ozone requires no rinsing after sanitation, saving time, water, and energy.

**Applications**

Final rinse/surface disinfection of:

* Barrels
* Tanks
* Bottling equipment
* Walls/floors
* Transfer lines
* Drains
* Pumps
* Apple washing
* Process equipment

Barrel, tank gassing, and preservation

Micro-oxy source (replacement of oxygen tank)

Environmental disinfection with ozone gassing to control airborne contaminants

**C-Series Mobile Disinfection Carts**

The C-Series Mobile Disinfection Carts deliver ozone-enriched cold water for winery, brewery, and cidery applications. Powerful, effective, well-designed, reliable, and easy to maneuver, the cart replaces traditional hot water and harsh chemical surface disinfection and provides safe disinfection on contact.

Features:

* Easy to use push button controls – full system monitoring indicators
* Microprocessor controlled ozone system with built-in soft start and self-diagnostics
* Rotary vane booster pump – boosts low pressure water supplies for better coverage
* Ozone production up to 18 grams per hour
* Typical ozone dosage rate is 8.0ppm at 10pgm (higher flow with optional bypass manifold)
* Separately controlled ozone and oxygen gas outlet – user programmable
* Built-in oxygen concentrator delivering 93% oxygen at 15 SCFH
* Welded stainless steel tubing frame and water safe stainless exterior
* Built-in tool basket
* Designed for easy service access or maintenance
* Critical parts are fully contained for water safe operation
* Designed with low center of gravity, well-balanced, and a small footprint

**Clean-in-Place (CIP) Ozone Systems**

The CIP and CIPS (Stand) ozone systems provide ozone enriched water for clean-in-place surface disinfection applications for your facility. The CIP Series provides wall-mountable components required for ozone production. The CIPS Series is designed for ease and simplicity of installation by providing a stand-alone system for turnkey ozone production. It includes all the components needed for injection, degassing, and destruction of residual ozone, with a circulation loop with booster pump to maintain constant pressure and flow to multiple drops throughout the facility, all in a compact plug-and-play footprint.

|  |  |  |
| --- | --- | --- |
| **Features** | **CIP** | **CIPS** |
| Ozone generator | \* | \* |
| Oxygen concentrator | \* | \* |
| Back flow prevention | \* | \* |
| Ozone injection system | \* | \* |
| Electrical controls | \* | \* |
| Stainless steel treatment vessel |  | \* |
| Degas valve |  | \* |
| Water trap and ozone destruct |  | \* |
| Circulation loop |  | \* |
| Booster pump |  | \* |