

ClearWater Tech, LLC

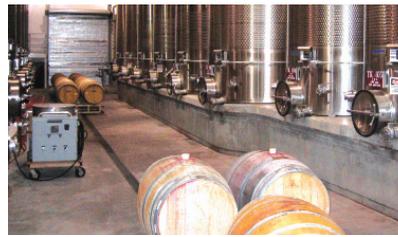
CIP800 CLEAN-IN-PLACE OZONE SYSTEM



BOTTLING EQUIPMENT



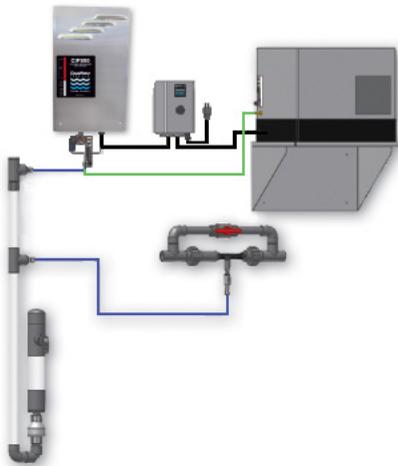
TANK WASHING



BARREL WASHING



GRAPE CRUSHER



CIP800 Winery, Brewery, & Cidery Applications

Wineries, breweries, and cideries that are looking to preserve the natural flavors of their products, keep a sanitized facility, and reduce pollutants in groundwater, now have a powerful alternative to thermal disinfection, chlorine, and other traditional sanitizers for surface disinfection.

ClearWater Tech offers the CIP800 system for surface cleaning and disinfection throughout the facility. The CIP800 uses ozone, which is not only nature's most powerful disinfectant, but also the most effective oxidizer commercially available. It is up to 1.5 times more effective and many times faster acting than chlorine. And because ozone is an oxygen-based oxidizer, it leaves no chemicals or chemical by-products behind - just oxygen and water.

The CIP800 is a complete wall-mount ozone system, which includes an ozone generator, oxygen concentrator, controls, backflow prevention and injection manifold to safely draw the ozone gas into the water. The ozone-enriched-water produced is perfect for clean-in-place winery, brewery, or any beverage application.

Benefits:

- Better sanitation - complete disinfection on contact
- Eliminates odors - powerful, but safe oxidation
- Maintains color and appearance
- Save money - extends shelf life, reduces or eliminates chemicals and hot water use
- Save time - disinfectant produced on-site (no storage, mixing or handling of chemicals)
- Protects the environment - ozone reduces waste water pollutants

Applications:

- Barrels
- Tanks
- Bottling equipment
- Walls/floors
- Transfer lines
- Drains
- Pumps
- Apple washing
- Process equipment
- Barrel, tank gassing, and preservation (replacement for sulphur dioxide)
- Micro-oxy source (replacement of oxygen tank)
- Environmental disinfection with ozone gassing to control airborne contaminants

Features:

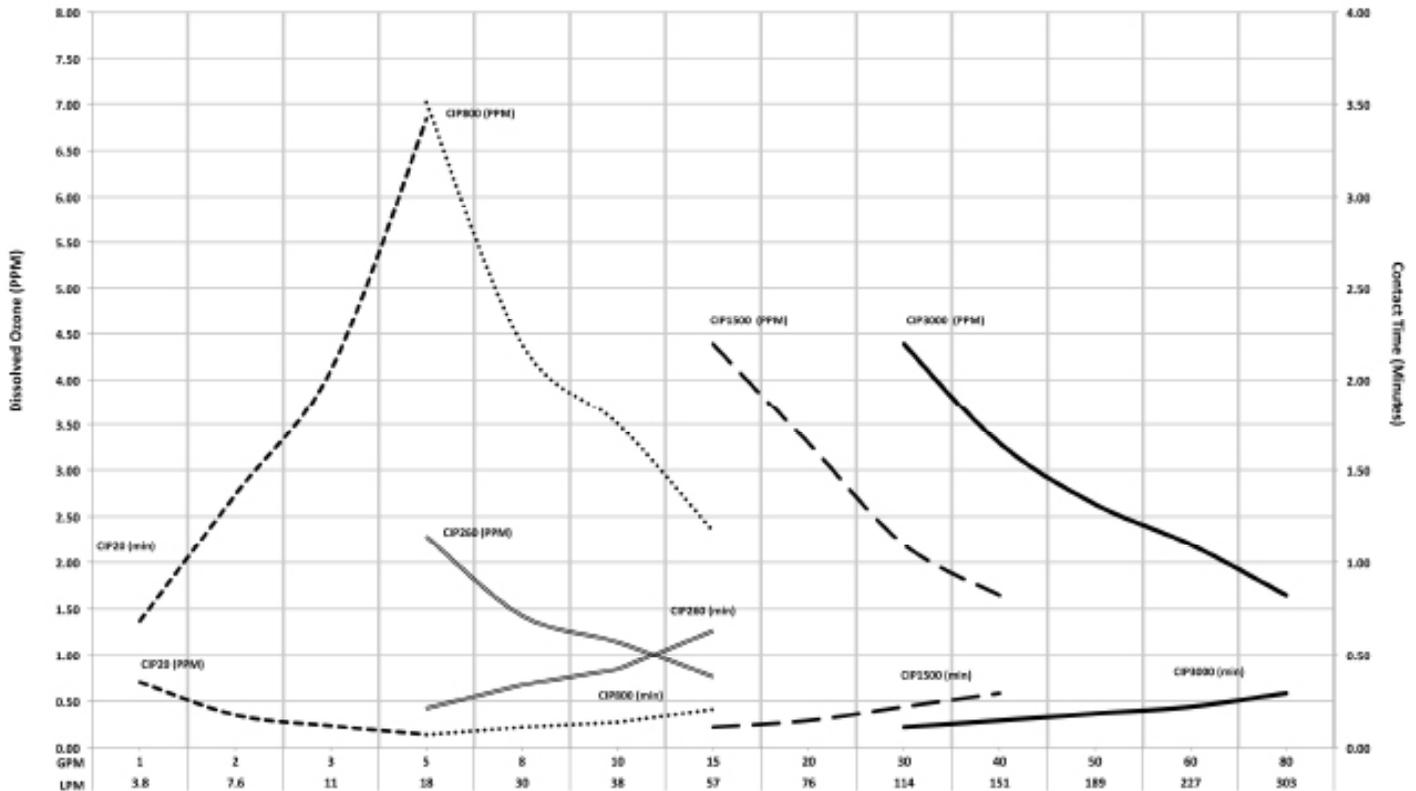
- Ozone generator
- Air preparation
- Controls
- Backflow prevention
- Ozone injection system

CIP800 SPECIFICATIONS

Electrical	Main Power	120VAC 60Hz, 5.0 A, 1 ϕ 220VAC 50Hz, 2.8 A, 1 ϕ
Ozone Output	Ozone Generator Output	8 gr/hr @ 4 SCFH, 3% by weight
Water Inlet	Potable Water	No iron, maganese, sulfur Water inlet pressure (min-max) Water inlet GPM (min-max)) Water inlet temperature (max) Water pH (min-max)
		55-70 PSI 7-12 GPM 75° F, 24° C 7.0 to 7.6 pH

CIP-Series Dissolved Ozone and Contact Time

A Ct-Value of 0.48 [at 25°C Water Temperature] can provide a 99.9% reduction of Giardia Cysts, and 99.99% reduction of enteric viruses, which will also provide destruction of Legionella, E.Coli and other bacteria. Ct is based on Concentration (C) of dissolved ozone multiplied by Contact Time (t) in minutes (Water Quality Association, 2007).



ClearWater Tech, LLC
Ozone Systems for Water & Air Purification
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