

Desinfecta™ OZONE Sanitation

**For Food Processing, Equipment,
Floors, Walls, Tanks, Coolers
Racks, Charts, Conveyers, etc.**

Desinfecta™ uses ozone-enriched fresh/seawater to disinfect tanks, circulation systems, etc. in accordance with applicable requirements. Ozone also reacts on organic materials and helps loosen contaminants. It is a fully assembled ready to install compact ozone system for different applications and volume of raw water. The Desinfecta™ system can be installed and operated within hours.

The system includes:

- Ozone generator 10 – 100 gO₃/h
- Injector system incl. ozone resistant circulation loop
- Residual ozone destruct for off gas
- 300 – 1000 l stainless steel reaction/de-gassing tank
- Stainless steel frame
- All electrical control
- Redox (O₃ concentration measuring device)
- Alarm system

Typical Application:

- Drinking water, 3m³/h – 120 m³/h
- Disinfection
 - Seafood processing
 - Meat processing
 - Food industry in general
- Process water

Regulations

The Normex Desinfecta™ system is well documented and meet all regulations set by veterinary authorities. Surface disinfection and de-activation of *Listeria monocytogenes* and other bacteria is well documented.



Fully assembled compact Ozone System Desinfecta™ incl. reaction tank.

Benefits

Ozone enriched water has the benefit of replacing the chemicals and hot water typically used in cleaning the inside of pipelines, tanks and external surfaces. The benefits are:

- Short payback period due to reduction in the purchase of chemicals for disinfection
- Micro-organisms can not build up an ozone tolerance.
- Labour savings due to less purchasing, handling and storing of chemicals
- Ozone management systems eliminates inhalation worries
- Ozone is not harmful to the environment as chlorine.
- Ozone does not have to be purchased or stored.
- Ozone is generated "on-site."