

Indoor Air & Surface Treatment for Pharmaceutical Industries

Surface & Equipment Ozone Sanitation

In pharmaceutical & medical industry it is very essential to keep all process area, tanks, equipments, furniture's in highly disinfected condition. This can very easily be achieved using ozone surface sanitation. Washing & rinsing with high dissolved ozone can quickly disinfects with no residual by-product to be further treated.

Clean-In-Place | CIP

In pharmaceutical industries, CIP is the most critical for all process & quality purpose. Ozone CIP is the most effective & popular trend in pharma, dairy, food & beverage industries. Ozone CIP gives extreme disinfection without the use of hot water or steam. Operation time is greatly reduced with confidence of process. In Ozone CIP no rinsing is required, reducing entire process cycle & post CIP ozone naturally disintegrates to safe oxygen. Unlike other disinfectant, there is no danger of disinfectant residue.

Air Disinfection - Production | Packing | Storage

Strategically planned Air ozonation in air handling unit [AHU] provides extra ascetical condition in production, packing & storage areas. Ozone in air treatment is followed by de-ozonation since half life of ozone in clean, dry & low temperature can be 2- 3 days

Odor Control - STP Exhaust Air | Organic Waster Composter | Garbage room

Most of the pharmaceutical factories have organic waste composter, which can generate foul odor & contamination. This along with any STP odor & gaseous chemicals are quickly oxidized using air ozonators.

Ozone Fumigation

To sterile the places, ozone fumigation is quick & with short process time. Degree of sterilization is also very high. Ozone fumigation is commonly done in industry in most of the critical areas & in R & D labs.

Ozone Generators for Research & Development

For lot of process & production research ozone is used. Many times ozone is required as an integral part of research of product gas.