



MIETTM
ozone experts.

HISTORY

TEBO

TEBO Operating Excellence starts in 1982, by a group of professionals with many years of experience in the electronics sector behind them. Because of our passion for work and our love for research and experimentation with ever more innovative and effective solutions, we have always set ourselves high objectives.

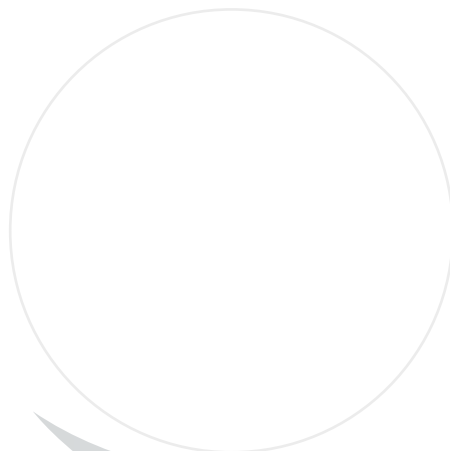
About MET

Experience accrued in over 30 years of working in the electronics sector and the intention to combine specific mechanical, IT and physics skills in a new enterprise has given rise to MET srl, a fully Italian company that designs, manufactures and sells ozone generators. Initially used in the medical field, ozone has been shown to be particularly effective in numerous other industrial areas. Thus MET has been able to expand its manufacturing opportunities, not only operating on healthcare-related markets. We immediately realized that the demand was not for machinery, which many companies sell, but solutions, as each customer has different, highly specific know-how, experience, needs and situations.

We thus imagined that our customers would be interested in systems designed and custom-made for their needs. Becoming their de facto partners, we can find solutions to the problem together.

As we have in-depth knowledge of this technology which has been entirely developed by Italian designers and technicians, all of this has allowed us to manufacture machinery fully built in Italy.

Our passion and shared ethical values, respect for the environment and its resources continue to provide the ideal boost to continue on our path built through research and testing, in order to use Ozone in the best possible way.



MET S.r.L.

via Palazzetti, 26

40068 San Lazzaro Di Savena

Bologna - Italy

Ph: + 39 051 499 98 38

F: + 39 051 499 98 40

E: info@o3met.com

www.o3met.com

FIELDS OF APPLICATION

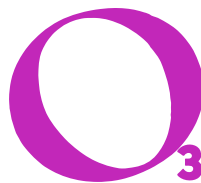
AGROFOOD

- > FRUITS & VEGETABLES
- > FOOD & BEVERAGE
- > MINIMALLY PROCESSED VEGETABLES
- > MEAT PROCESSING
- > DAIRY
- > AGRICULTURE
- > ZOOTECHNICS



TRANSPORTATION & LOGISTICS

- > AMBULANCES
- > PASSENGER TRANSPORT VEHICLES
- > GOODS TRANSPORT VEHICLES



WATER TREATMENT

- > IRRIGATION WATER
- > WASTE WATER
- > SWIMMING POOLS



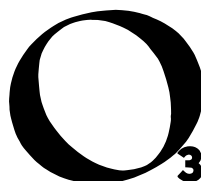
SANITIZATION OF AREAS

- > SPORTS CENTERS
- > HOTELS & HEALTH SPAS
- > FOOD INDUSTRY
- > CLEAN ROOMS



OTHER SECTORS

- > MASS RETAIL
- > INDUSTRIAL LAUNDRIES



OZONE

OZONE

Ozone (O₃) is a 3 oxygen atoms gas, so with an added O molecule unlike oxygen (O₂) we breathe.

In nature, ozone is generated in the lower atmosphere by thunderstorms and in the upper atmosphere by ultraviolet solar radiation.

As a result of its ability to reduce the concentration of fungi, mites, bacteria, viruses and in general odorant molecules, ozone is known for its sanitizing and deodorizing abilities.

It is a highly unstable gas and with a decay rate velocity related to temperature it reverts to oxygen.

Due to its instability there are several difficulties related to storage and transportation; therefore it is preferable that its generation station is as near as possible to its point of use.

It is artificially generated through a process in which pure oxygen or duly treated air flows through a high-voltage alternate electrical field (corona discharge).

Ozone is a toxic gas when inhaled at high concentrations. To this, it is recommended that people and animals be evacuated from the area during treatment.

We can smell ozone at concentrations of just 0.02 ppm.

Ozone can be recognized by its characteristic bracing smell, the same that, at times, accompanies thunderstorms, specifically due to the ozone generated by lightning charges.

Ozone can also be used as a highly ecological sanitation system, as it takes and returns oxygen from air.