

ozoair

TECAi



GENERATEUR
OZONE
INTELLIGENT

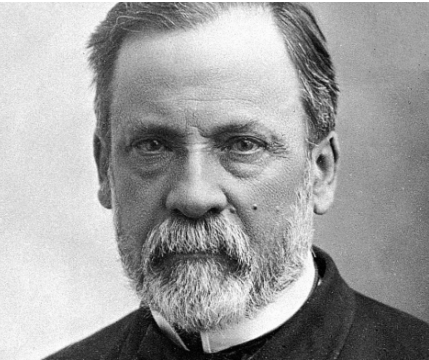


What is ozone?

Ozone (O₃) is a molecule composed of three oxygen atoms. It forms when oxygen molecules are excited enough to break down into atomic oxygen, of two different energy levels, and collisions between the different atoms are what generate the formation of ozone. It is an allotropic form of oxygen, that is, it is the result of the rearrangement of oxygen atoms when the molecules are subjected to an electric shock. It is therefore **the most active form of oxygen**.

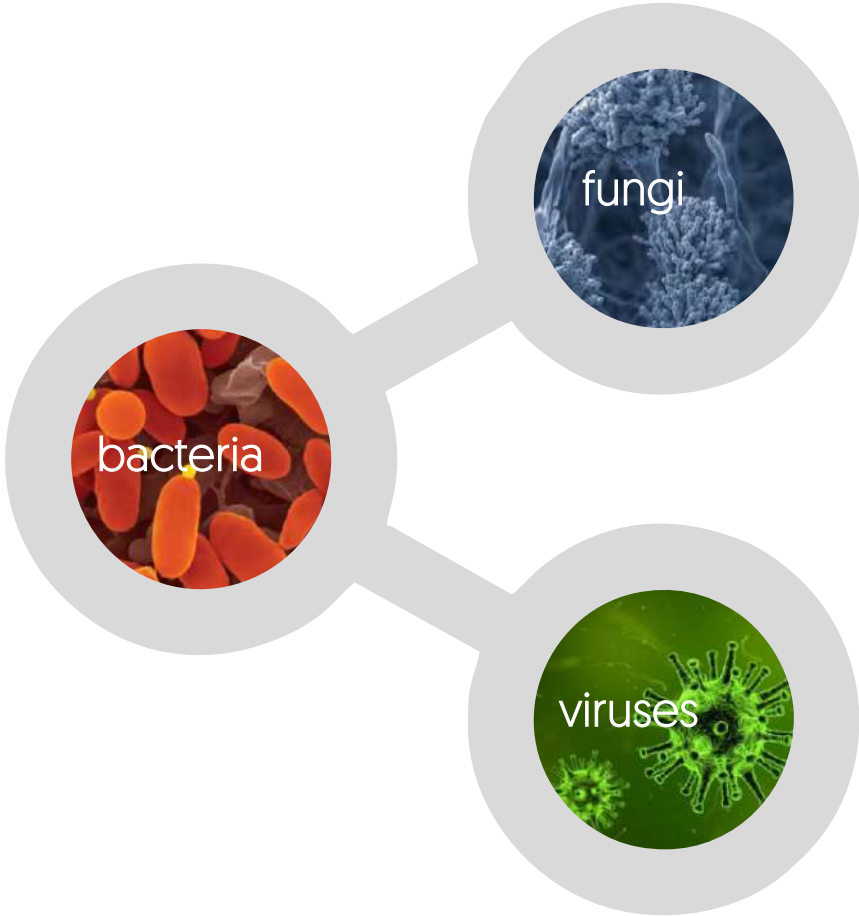


The World Health Organization (WHO) recognizes ozone as the most efficient disinfectant against all types of microorganisms



"With the air we breathe most of our diseases. In contact with ozone, microbes are burned and toxins destroyed."

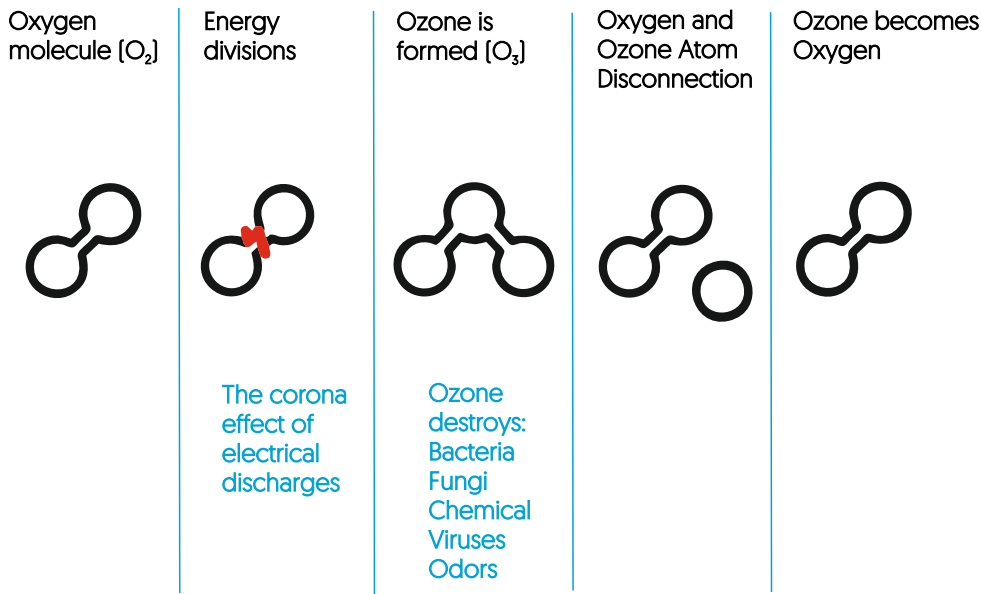
Louis Pasteur



Ozone as a disinfectant

The germicidal activity of ozone is based on its high capacity for direct oxidation: thanks to this quality, all the structures macromolecular cells, both microbial and non microbial [molds, bacteria, yeasts, viruses, etc.] are profoundly altered, decompose and disappear, leaving no residue; only oxygen. In conclusion, fast, complete and residue-free germicidal action. Another of the most effective properties of ozone is the **elimination of all types of odors, both chemical and organic**.

This is how it happens






ozoair

Intelligent ozone generator for environmental disinfection

Now you can offer a complete, fast and effective disinfection with the smart ozone generator Ozoair. An intelligent system thanks to its unique technology to deactivate the ozone and convert it into oxygen leaving the places ready to be occupied instantly. The ozone according to several studies are effective in eliminating viruses, fungi, and bacteria, but since it's not chemical is not registered as a biocide with health certification, but the WHO recognizes ozone as the most effective disinfectant efficient against all kinds of microorganisms.

APPLICATIONS

-  Interior spaces in hospitals, clinics, offices, food...
-  Air conditioning ducts and smoke extraction
-  Vehicles of all types

Aspiration of
ozonized air



CONSUMABLES



PHOTOCATALYTIC FILTER
Deactivates the ozone and converts to oxygen.
AC3140104

ACCESSORIES



FLEXIBLE TUBE
Connects to the output of ozone for ducts.
AC3140103



QUANTITY METER OZONE
SM7300202



Air input

O₂ output



Operations of control:

Automatic programs according to m³ of areas.
Manual adjustment of the time of use.
Timer with adjustable day and time.
Hour indicator of filter use.
Delay time activation.

TECHNICAL SPECIFICATIONS

Power supply	220 V / 50-60 Hz
Ozone generation	15 g/h
Ozone discharge flow rate	500 m ³ /h
Control panel	Touch screen 7"
Building material	Painted steel and PEHD
Filter to disable O ₃	Photocatalytic
Particle retention filter	Type G4
Dimensions	420 x 395 x 880 mm 16,5 x 15,5 x 34,6 inch
Weight	31 kg / 68 lb



**BACTERICIDE
FUNGICIDE
VIRICIDED**



**DEACTIVATION
OF THE OZONE**



**GENERACIÓN
O₃ DE 15 g/h**



**TIMER
DIGITAL**



**CONTROL SCREEN
TOUCH**



PERSONAL PROTECTIVE EQUIPMENT AND TOOLS FOR OZONE

Disposable coveralls.



Protective coverall for limited use (PE+PP) **impermeable to particles and splashes of limited intensity**. Antistatic, water vapor permeable, tear and abrasion resistant, lint-free. **resistant to tearing and abrasion, lint-free**.

Protection against biological agents according to EN 14126:2003.

Size L - EP5600100
Size XL - EP5600101

PVC gloves of protection.



Suitable for **industrial cleaning and chemical industry**. Ergonomic and flocked for comfort. Cotton flower for sweat absorption. Good grip in any situation. Exceptional comfort due to special PVC formulation.

Corto - EP5200100

Integral protection mask.



Scratch-resistant and distortion-free viewfinder with 80° angle ensures a wide field of view with excellent **panoramic vision**. In addition, its efficient ventilation system with independent inner mask prevents the lens from **fogging and ensures excellent vision**.

EP5300202

Filter for ozone mask.



Protects against a wide range of gases, including nitrous gases, mercury vapor and carbon monoxide. It also filters dust and **particulates and particulates**.

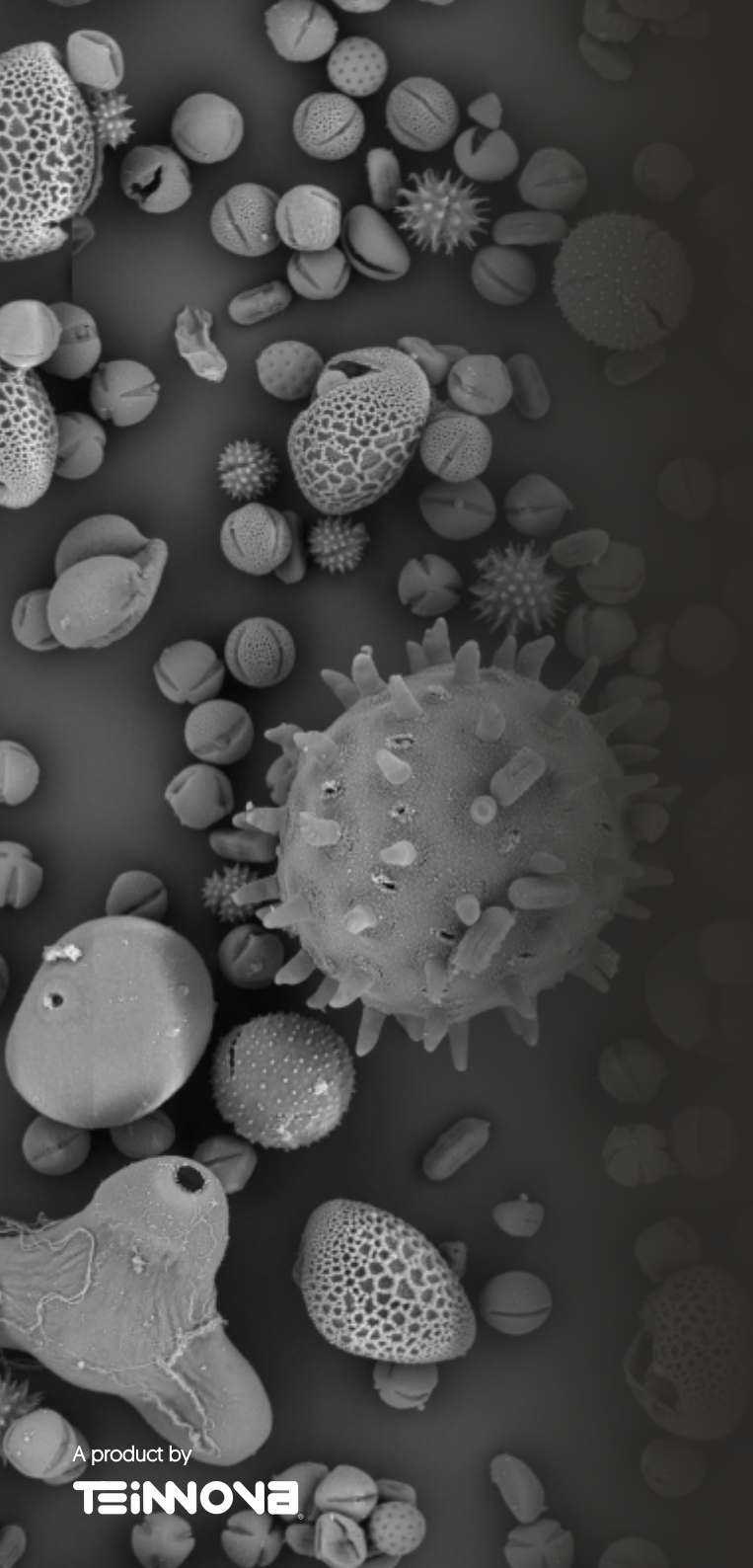
EP5300203

Mo³ Ozone meter.



The gas detector can be used continuously to detect the concentration of leaked gas. **Alarm warning for the concentration of hazardous gas**, ensure the safety of personnel and production equipment is not damaged.

SM7300202



COVIX

intelligent
disinfection

A product by

TEINNOVA

covix.com