



Legendary for use
against bacteria and viruses



prozone

Ozone power for your patients

Make use of Prozone's power

With Prozone, the new ozone generator by W & H, you will discover the unexpected powers of disinfection. Suitable for use in virtually all aspects of dentistry, it is highly effective in the prevention of inflammation and infection.



Prozone-power at a glance:

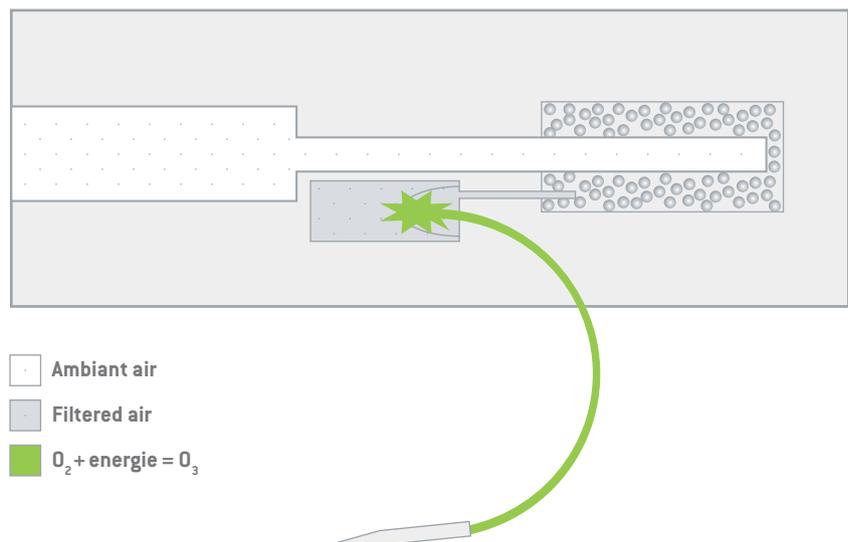
- > **Fast:** Ozone doesn't need time to start working – treatment time is reduced.
- > **Effective:** Ozone reaches all areas that need disinfecting and keeps the risk of new infection to a minimum.
- > **Safe:** The dosage is preset on the device – overexposure is not possible.
- > **Simple:** Prozone is handy, easy to manage and convenient to use.

Strength you can rely on

Ozone is a powerful form of oxygen. It is produced by exposing the filtered air to a high electrical voltage and applied directly, destroying bacteria and viruses through oxidation.

Functional principle of Prozone.

Air is drawn into the device through a special pump. This air is transferred to a filter that purifies and dehydrates it. The clean dry air is then induced into the generator.



Good, safe treatment assured:

- > Only a minimal dose of ozone is needed for effective treatment. That is why Prozone only produces such minimal amounts. Combined with the preset application times (6", 12", 18", 24") the best possible treatment results are therefore guaranteed.
- > Dosage measurements are continually being monitored by a unique patented sensor in the device, which means the minimal amounts cannot be exceeded.
- > The generated ozone immediately breaks down to become oxygen after the treatment.

Getting down to the essentials

By discharging a high-voltage tube, our device produces the exact concentration and dosage of ozone. Prozone is extremely practical and easy to use – the necessary dosages for the different applications are preset:



100% steril
The prozone mouthpiece is sterilizable.

6 Seconds – Cavity disinfection technique:

- > Prepare cavity as per standard procedure
- > Select 6" on display panel
- > disinfect cavity
- > Place restoration

12 Seconds – Acid etch bonding technique for composite restoration: (inlays–onlays–veneers)

- > Prepare tooth surface as per standard procedure
- > Apply and rinse etching gel
- > inject ozone directly into the cavity to disinfect
- > Apply bonding agent and restoration as normal

Program 12" can also be used for the following procedures:

- > Surgical disinfection i.e. Extraction, implant placement
- > Disinfection of crowns, posts, inlays-onlays-veneers

18 Seconds – Periodontal treatment:

- > Debride and irrigate pocket as usual
- > Apply ozone to disinfect

24 Seconds – Endodontic treatment

- > Prepare and clean the canal system as per standard procedure
- > When the canals are ready for obturation, dry with paper points
- > Inject gas directly into canal to disinfect
- > Complete obturation procedure

Become your patients' hero

Prozone uses an ozone/oxygen mix that is administered in exact doses. Due to its gaseous form, the mixture reaches all areas that need disinfecting and penetrates every fissure. So you can now start treating your patients even more effectively!



Coro-tip



Endo-tip



Perio-tip

Prozone is effective.

Ozone has been used in the dental medicine sector since the beginning of the last century and, if we're talking about reliable disinfectants, today it is hard to imagine dentistry without it. The best example can be found in endodontics: whereas treatment using traditional disinfectants creates air pockets preventing penetration right to the end of the canal, the use of ozone allows the entire root canal, including any auxiliary canals, to be disinfected.

Prozone is gentle.

Ozone uses a natural germ-killing oxidation process. Unlike antibiotics, it not only kills bacteria, but also viruses. It has a strong anti-inflammatory function and aids haemostasis. So, by using Prozone, you can keep chemicals to a minimum and treat your patients with care.

Prozone is fast.

In contrast to other disinfectants, ozone reacts immediately on contact. As soon as ozone is applied to tissues, nerve endings are desensitized, bringing instant and long lasting pain relief. The application time is defined by the type of treatment and covers the entire disinfection process.

According to the different types of treatments, Prozone has specific disposable tips for each application:

- > **Coro-tip:**
for cavity disinfection, restorative and surgical applications
- > **Endo-tip:**
for root canal disinfection
- > **Perio-tip:**
for periodontal application

