

Ozonette DENT



MEDICAL OZONE GENERATORS



CE
1639

MD



Technical features

Operation modes syringe automatic loading mode, continuous mode with independent flow adjustment, **O₃ injector** mode.

Concentration range 1 to 80 µg/Nml in steps of 1 µg /Nml.

ACM concentration measurement Mathematical calculation algorithm.

N Standardization of the measurement (regarding pressure and temperature).

DC dynamic control The system is continuously monitoring the gas flow in order to maintain the concentration.

OC automatic overpressure detection.

Output 3 g/h.

Optimized oxygen consumption. Design oriented to avoid medical oxygen waste.

Compact and high precision generator tube, inert and highly mechanically strength made of the latest generation of materials (steel 316L). Uniform flow distribution.

High voltage generator™.

Ozone removal by a double independent circuit with two internal catalysts (maintenance-free).

Ozone flow, digitally adjustable, produced from 6 to 50 L/h.

Operation control digital touch.

Graphic LCD screen.

Interface (universal and intuitive).

Weight/Dimensions 3 kg (6.7 lb) / 25 x 27 x 12 cm (9.8 x 10.6 x 4.7 inch).

Certificates CE (class IIb), RoHS.

Compatibility with medical degree oxygen cylinder and centralized oxygen supply system.

Universal external power supply medical standards (100 to 240 V / 50 to 60 Hz).

Specific software for **injector O₃** usage.

O₂ Input Pressure: 1.5-4.5 bar

O₃ Maximum Output Pressure: 0,7 bar

OZONETTE DENT is a compact medical ozone generator that incorporates the latest technological advances. Designed for ozone therapy oral applications where concentrations must be measured accurately and safely, complying with international standards.

Three working modes are available in **OZONETTE DENT**:

- **SYRINGE OPERATION MODE:** It is the most advanced on the market with automatic syringe size detection. The ozone output is done by a double valve system and automatic pressure compensation to avoid unwanted leaks ensuring the user and patient safety.
- **CONTINUOUS OZONE OPERATION MODE:** With variable flow setting and overpressure detection is ideal for local bag therapies in both open and closed circuit, or liquid to be ozonized.
- **INJECTOR OPERATION MODE:** It allows to select concentration, variable flow and overpressure cutting the ozone production and output controlled by the user with the injector trigger, providing the volume data and doses supplied during production.

The generator tube is made of high-quality materials, inert to ozone's action and with great mechanical resistance. The high-voltage transformer, specifically designed for our products, ensures optimal ozone generation through the dielectric discharge process.



Technology

- **Medical Ozone Therapy** is a therapeutic tool with great scientific evidence in the field of dentistry, highly safe with proven efficacy in a multitude of oral treatments.
- Thanks to the use of ozone in dentistry we achieve **faster healing**, better healing, disinfection of inflamed areas, healing of aphthous ulcers,
- Focused on the operative performing, the technique facilitates **caries control** and reduce dentine sensitivity and hyperesthesia.
- Ozone therapy takes profit of the ozone molecule properties, made up of three **oxygen atoms**.
- According to the FDA, it destroys **99.9992%** of all pathogenic germs.
- **Destroys infectious bacteria**, fungi, spores, viruses and prions while respecting and even enhancing the response of healthy cells.
- It has also been shown to **improve local immunity and tissue regeneration** in chronic periodontitis.
- It does not cause allergic reactions or any negative reactions with other medications, yet increases the elasticity of the red blood cells, brings oxygen to the tissues, **reduces bleeding and improves the postoperative period and its complications**.

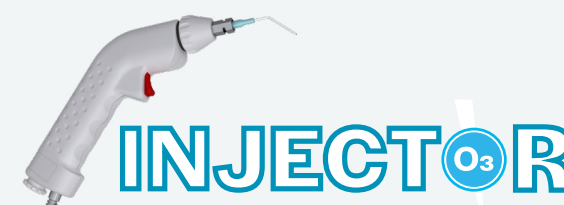
**Total
comfort for
Dentists**

Manageable Easy-to-Use Flexible Reliable

**The greatest of comfort guaranteed
for patients with painless treatments**

Painless and safe treatments

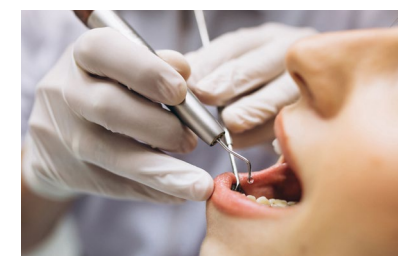
Handpiece



**Many types of
Technology**
intuitive ■ versatile ■ precise

TREATMENTS WITH THE O₃ INJECTOR

PREVENTION



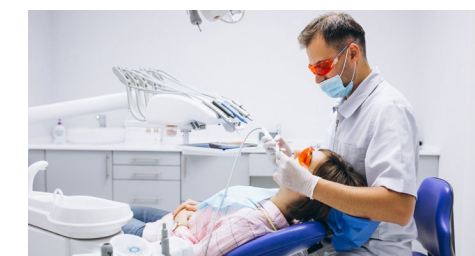
Intraoperative applications prevent complications.

SURGERY AND PROTHESES



Cavity bed and crown preparation tubulli sterilization, limiting sensitivity.

ORAL MEDICINE



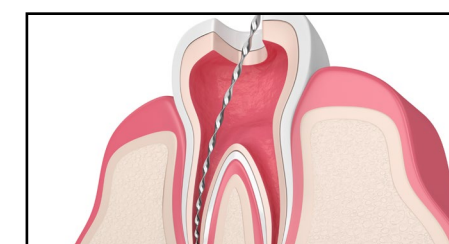
Irrigation and infiltration of all types of lesions.

PERIODONTICS



Promotes tissue regeneration and favourable microbial activity, reducing symptomatology.

ENDODONTICS



Best post-operative care.

OROFACIAL

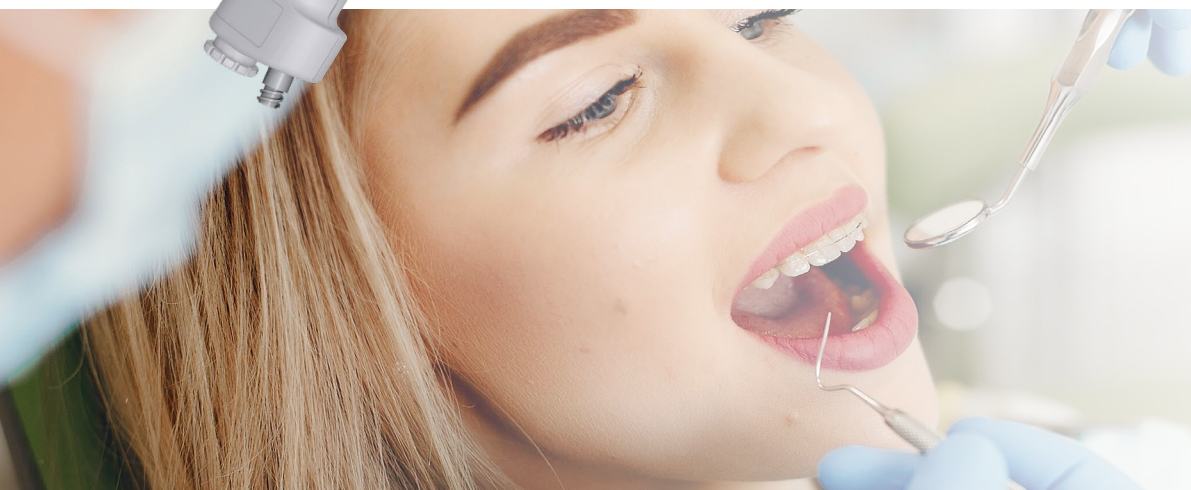
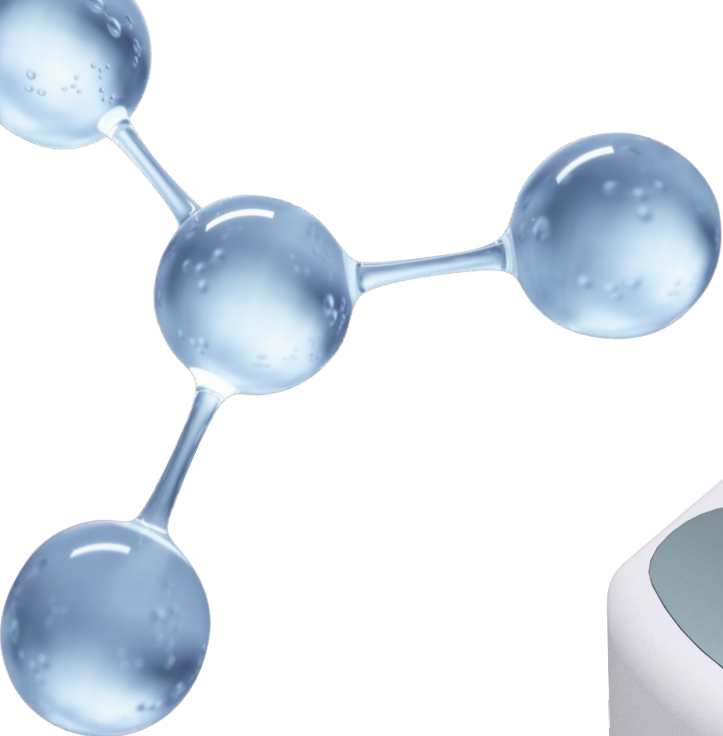


Highly safe and effective in craniomandibular dysfunction treatment.

Technical data



- O₃ concentration of 1 to 80 µg.
- Flow rate of 6 l/h to 50 l/h.
- Pressure from 400 to 800 mbar.
- Automatic flow cut-off after 4 minutes.
- Programmable pressure safety cut-off based on the treatment and therapy protocol.



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