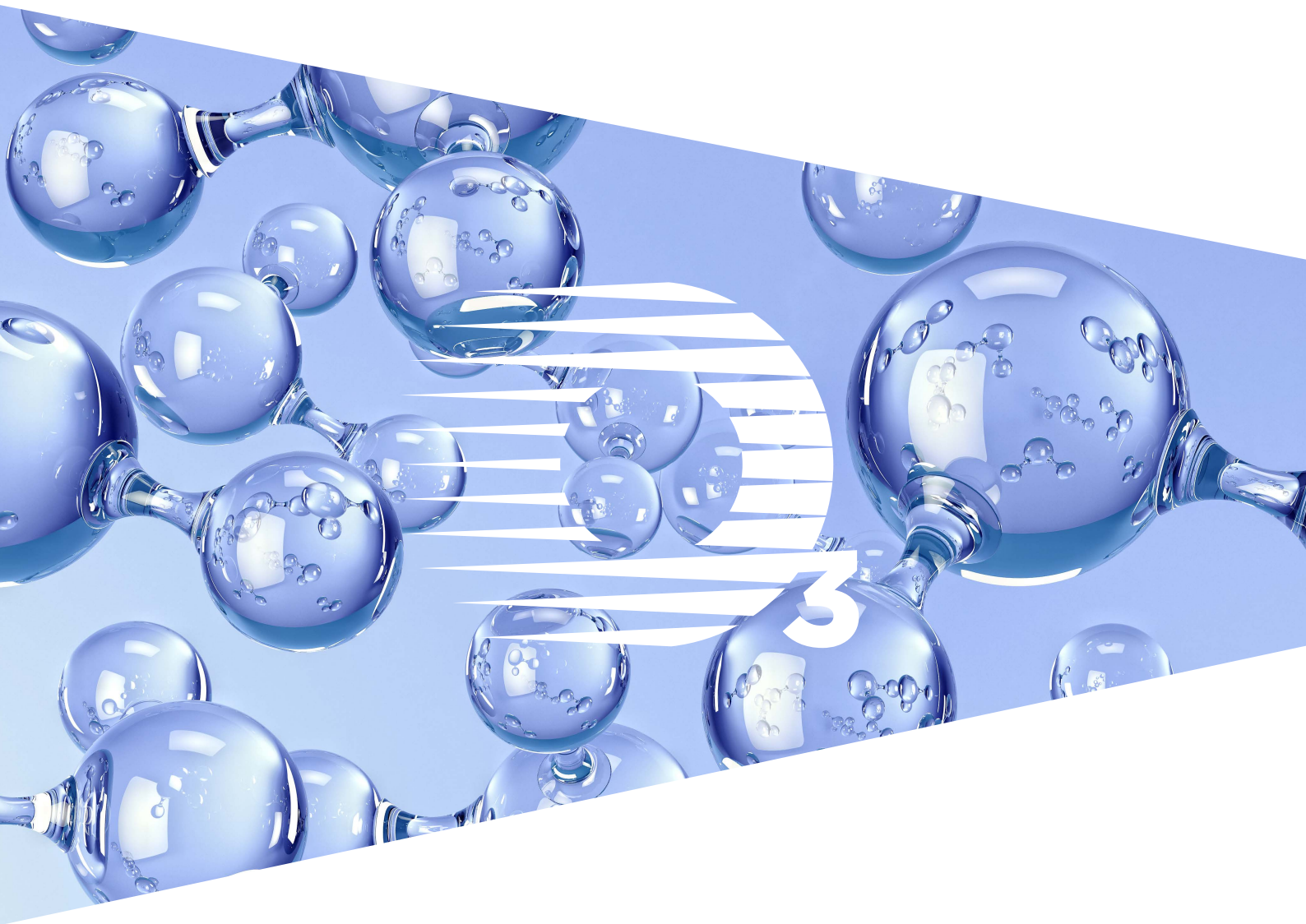



AQUOLAB[®]

the new
H₂OZONE therapy





**Even though ozone therapy is among the newer protocols in dentistry,
its beneficial effects are by no means unknown.**

Medical ozone has antibacterial, antiviral and antifungal properties.

Ozone therapy and dentistry

Oxygen–ozone therapy is a gentle technique that exploits the potentials of ozone, combined with oxygen, to perform several effects:

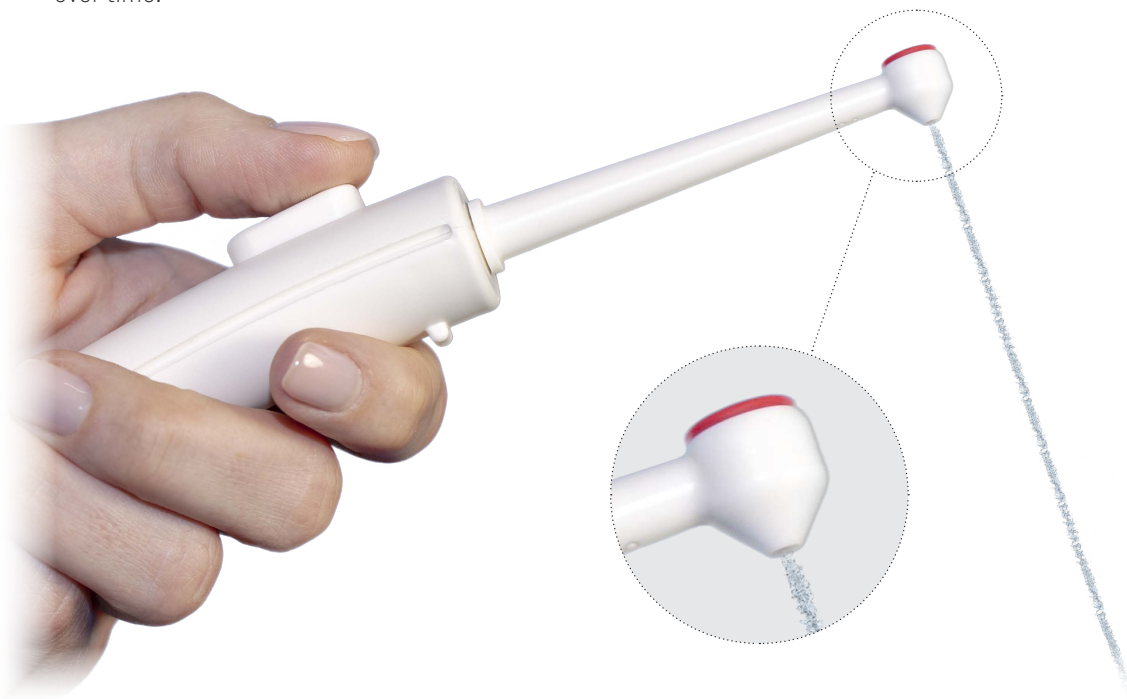
- analgesic
- anti-inflammatory
- antibacterial
- antifungal
- immunomodulatory

All these characteristics indicate its suitability for application to dentistry.

Aquolab is an innovative medical device, which bases its effectiveness not on the power of the water jet but **on the beneficial properties of ozone mixed with water**.

In its **professional version**, Aquolab is a valid accessory for the many daily activities that dentists and hygienists perform at a dental practice.

In its **basic version** it can be recommended to your patients as an effective home therapy for proper oral hygiene and maintenance of the quality of the treatments carried out in the practice, over time.



Why ozone should be used in an oral irrigator:

- ozone is an enormously powerful disinfectant
- it inhibits the formation of bacteria that cause infections and halitosis
- it has antibacterial and antiviral properties
- even at low concentrations, ozone mixed with water achieves maximum effectiveness
- ozone is not invasive: it leaves no residues and is absolutely ecological. Precisely because it is mixed with water there is no risk of inhalation for either the patient or the operator.

Scientific experiments have shown the effectiveness of Aquolab even in diabetic patients affected by periodontitis.

Treatment with ozone, in the proper quantities such as those provided by Aquolab, is completely harmless and has no contraindications. The ozone is produced autonomously by the device, with no need for external recharging.

AQUOLAB Professional PRO 2.3

AQUOLAB Professional PRO 2.3 is a medical device specifically designed for professional use by dentists and oral hygienists.

Fields of application:

- Oral and mucogingival surgery
- Implantology
- Peri-implantitis
- Endodontics
- Non-surgical periodontal therapy
- Orthodontics
- Oral hygiene treatments of patients with fixed or mobile prostheses
- Oral hygiene

Beneficial effects:

- Post-operative pain management
- Tissue biostimulation
- Faster healing of the surgical site
- Reduction in bacterial load
- Post-surgical oral hygiene maintenance
- Improved oral hygiene in patients with dental implants and fixed orthodontic braces
- Reduction in inflammatory markers by control of free radical production



Aquolab is not a water-pulse dental flosser:

Aquolab's effectiveness is not based on the power of its water jet but on its use of ozone with its anti-inflammatory, antibacterial and analgesic action.

Delicate action:

AQUOLAB's water pressure is quite low compared to the pressure used by standard water-pulse dental flossers, which ranges from 10 to 100 PSI. Compare the water pressure Aquolab generates, which varies from 5.8 to 11.6 PSI, equal to 0.4 and 0.8 bar, using a centrifugal pump with magnetic drive. One of the benefits that this technology provides aside from its very low water jet pressure, which is absolutely harmless for soft tissues, is also its continuous flow, which avoids those annoying pulsations that can even be potentially harmful to soft tissue.

Package:

Aquolab Professional, including the control unit, handle with 2-metre long smooth cable, 10 individually wrapped sterilised nozzles (7 pcs at 0.6 mm and 3 pcs at 0.8 mm) and 1 blister pack of descaling solution (3 single-use phials).

LCD touch screen display for the management of

water pressure	2 levels
ozone concentration	Level 1: mg/L 0,025 +/- 0,005, Level 2: mg/L 0,042 +/- 0,007, Level 3: mg/L 0,060 +/- 0,007
ozone quantity	3 levels + level 0
capacity	300 ml
dispensing time	60/90 seconds
dimensions	cm 15x15x14
weight	1,6 kg
save and recall of individual patient treatments and maintenance management	
malfunctions reports	



AQUOLAB Basic

AQUOLAB BASIC has been specifically designed for home use to maintain proper oral hygiene.

Aquolab is useful for:

- Prevention and treatment of periodontitis and gum disease such as inflammation and bleeding.
- Aiding in the management of bacterial load in the oral cavity
- Prevention of the formation of caries
- Prevention of the onset of aphthae and herpes
- Effectively combatting halitosis without using aggressive and potentially harmful mouthwashes

Aquolab is especially indicated for:

- Patients with implants
- Patients with fixed or mobile prostheses
- Patients with fixed orthodontic braces
- Patients affected by periodontitis
- In all cases where it would be advisable to maintain oral hygiene following treatment with Aquolab Professional

Aquolab is safe for patients:

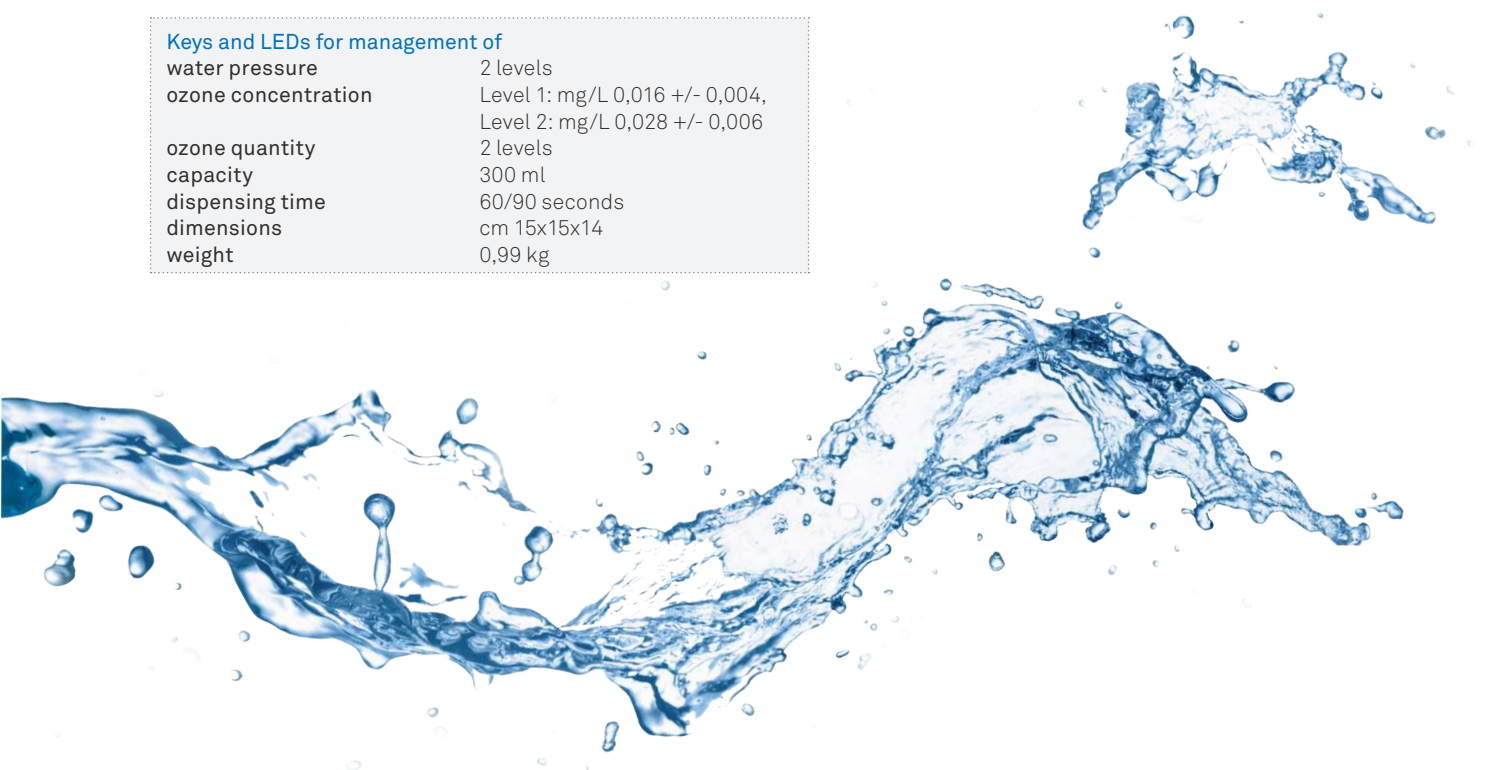
- Low, non-invasive water pressure
- Odourless and flavourless
- Completely harmless
- Easy to use
- Two ozone and water adjustments
- Supplied with four nozzles, it can be used by the entire family

Package:

Aquolab Basic, which includes the control unit, built-in handle with 1.5 metre spiral cable, 4 nozzles (3 pcs at 0.6 mm + 1 pc at 0.8 mm) and 1 blister pack of descaling solution (3 single-use phials)



Keys and LEDs for management of	
water pressure	2 levels
ozone concentration	Level 1: mg/L 0,016 +/- 0,004, Level 2: mg/L 0,028 +/- 0,006
ozone quantity	2 levels
capacity	300 ml
dispensing time	60/90 seconds
dimensions	cm 15x15x14
weight	0,99 kg



article code	description
AQPRO01	Aquolab Professional PRO 2.3: including 10 sterilised nozzles (7 at 0.6 mm + 3 at 0.8 mm) and 1 blister pack of descaling solution (3 disposable vials)
AQNOS06M	Pack 20 disposable sterilised nozzles 0.6 mm
AQNOS08M	Pack 20 disposable sterilised nozzles 0.8 mm
AQNOS06	Pack 80 disposable sterilised nozzles 0.6 mm
AQNOS08	Pack 80 disposable sterilised nozzles 0.8 mm
AQBAS01	Aquolab Basic: including 4 nozzles (3 at 0.6 mm + 1 at 0.8 mm) and 1 blister pack of descaling solution (3 disposable vials)
AQNOZ06	Blister pack of 2 non-sterilised nozzles at 0.6 mm for Aquolab Basic
AQNOZ08	Blister pack of 2 non-sterilised nozzles at 0.8 mm for Aquolab Basic
AQDES03	Blister pack of descaling solution (3 vials)



Aquolab is a device Made in Italy

Bibliography:

- Carinci F., Palmieri A., Girardi A., Cura F, Lauritano D.
Aquolab® ozone-therapy is an efficient adjuvant in the treatment of chronic periodontitis: a case-control study
J Orofac Sci 2015;7:27-32.
- Marconcini S., Giammarinaro E., Giampietro O., Giampietro C., Soder B., Genovesi Rdh A., Barone A. and Covani U.
Oxidative stress and periodontal disease in diabetic patients: a 3-month pilot study
Dent Oral Craniofac Res, 2017, Vol. 3, 1-5.
- DDS Casu C., President of AIRO
A gingival persistent white lesion treated with Aquolab (case report)
January 2018.
- Marconcini S.
Ozono tra mito e realtà
Perio Tribune Italian Edition - Ottobre 2017; 9.
- Casu G.
Lingua Nigra: trattamento tramite Aquolab, (Case report)
Settembre 2017.
- Genovesi A.M. , Giammarinaro E.
La bocca dolce: nota tecnica sul mantenimento della riabilitazione implanto-protetica complessa nel paziente diabetico
Igiene Tribune Italian Edition – Speciale, Dicembre 2017; 20.
- Cosola S., YM Park
Acqua ozonizzata come metodo aggiuntivo di igiene orale per il mantenimento della salute parodontale in giovani pazienti in trattamento ortodontico fisso
Poster SIOI.
- Strammiello S., Di Venere D., Abbinante A., De Vito, D.
Ozonoterapia della gengivite marginale in pazienti con trattamento ortodontico fisso multibrackets
Poster XVI Congresso Commissione Nazionale dei Corsi di Studio in Igiene Dentale, Giugno 2017.



SCIENTIFIC PARTNERS



Istituto Stomatologico Toscano
Dentistry Centre



University of Pisa

AIRO

Accademia Italiana Ricerca Orale



rev. 04-18



Sweden & Martina S.p.A.

Via Veneto, 10
35020 Due Carrare (PD), Italy
Tel. +39.049.9124300
Fax +39.049.9124290
info@sweden-martina.com

www.sweden-martina.com

Sweden & Martina Ltd

Unit 47
Basepoint Business Centre
Metcalf Way, Crawley,
West Sussex, RH11 7XX, UK
Toll free 0800 1123575
info.uk@sweden-martina.com

Sweden & Martina Inc.

Distributor for U.S.
4700 S Mill Ave, Ste B-16
PO Box 23748 - Tempe, AZ 85282
Toll free 1-844-8MARTINA(1-844-862-7846)
info.us@sweden-martina.com

www.sweden-martinainc.com

Sweden & Martina Mediterranea S.L. - España

info.es@sweden-martina.com
Sweden & Martina Lda - Portugal
info.pt@sweden-martina.com

Aquolab is a class I medical device, with CE mark, manufactured by EB2C Srl, Milan, Italy.



B2C S.r.l.

Via Savona, 94 - 20144 Milan, Italy
www.aquolab.com - info@aquolab.com

Some products may not be available in all markets.

All trademarks in this publication are the property of Sweden & Martina, except for products where otherwise indicated. These products are intended for professional medical practices and laboratories and are not intended for sale to patients.

Reselling, duplicating or distributing products contained in this publication without the written consent of Sweden & Martina S.p.A. is prohibited.

For additional information on these products, including indications, contraindications, warnings, precautions and potential side effects, see the Sweden & Martina S.p.A. website.

Contents were updated at the time of publication. Contact Sweden & Martina for additional updates.