



# THE MOBILE & FLEXIBLY USABLE AIRCLEANER

FOR KITCHEN & LIVING AREA, MEDICINE, HOTEL & GASTRONOMY

OZONOS®

## **TABLE OF CONTENTS**

FINALLY FRESH AIR	03
THE OZONOS PRODUCT WORLD	04
COOKING AND LIVING? ONLY WITH OZONOS	06
WHY OZONOS AND HOW DOES IT WORK?	07
OZONE ONLY DOES ITS JOB AND DISAPPEARS.	08
WHERE CAN OZONE BE FOUND?	09
THE CEILING LAMP "STELLA"	10
THE FLOOR LAMP "HAILEY"	12
OZONOS ELIMINATES CORONA VIRUSES	14
THE OZONOS TRIPOD	16
THE ZONOS KITCHEN MODULE	18
OZONOS IN BUSINESSES	19
FIELDS OF APPLICATION	20
WHICH OZONOS SUITS US	28
DISINFECTION THROUGH CONTROLLED OZONE OUTPUT	30
TÜV CERTIFICATE	31
OZONOS TECHNICAL DATA   SPECIFICATIONS & FEATURES	33
OZONOS USER EXPERIENCES	34

2 OZONOS\*



### THE FACES BEHIND OZONOS

#### WELCOME TO THE WORLD OF OZONOS, THE MOBILE FRESH AIR WONDER!

We have found it - the solution for clean and clean air at home and at work. The mobile Aircleaner eliminates aerosol fats, bacteria, viruses, germs, mold spores, pet and mite allergens, pollen, pet and color odours in your home or workplace – with an innovative, patented method that uses the natural benefits of ozone. No chemicals, no filters. Eco-friendly, sustainable and inspired by nature.

Take a deep breath and discover the variety of our innovative products.

Have fun!

OZONOS Shareholders Thomas Brunauer, Niko Kovac, Roland Trettl and Fredy Scheucher.

# THE OZONOS PRODUCT WORLD

MANY WAYS LEAD... to fresh and clean air!
OZONOS offers a broad range of products, so that
everyone can find one that meets their individual needs!

Be curious, because we constantly extend our assortment!



OZONOS AC-I SERIE



FLOOR LAMP "HAILEY"



OZONOS KITCHEN MO

QZONOS°









CEILING LAMP "STELLA"

OZONOS TRIPOD



# COOKING AND LIVING? ONLY WITH OZONOS!

FROM FAN TO SHAREHOLDER - THAT'S WHY ROLAND TRETTL HAS BECOME PART OF THE OZONOS TEAM...

»Becoming a partner of a company always means being convinced of a product. First it was the beauty of the product and then realizing that I can really say goodbye to my extractor hood. The aircleaner beautiful and quiet and I don't have to change a filter anymore.«

# ROLAND TRETTL CELEBRITY CHEF AND OZONOS SHAREHOLDER

Known from "First-Dates - Ein Tisch für zwei" and "Kitchen Impossible", (VOX) and ffor his work in the Red Bull Hangar-7 Restaurant "Ikarus"



6 OZONOS\*

### WHY OZONE & HOW DOES IT WORK?

Ozone, also known as active oxygen, is a naturally occurring substance and consists of three oxygen atoms (O3). It therefore has one oxygen atom more than the vital oxygen in our breathing air (O2). This third oxygen atom makes ozone a highly reactive substance. It tries to form a bond with other substances or disintegrates into O2 again. We make use of this attribute to neutralize smells, bacteria, viruses, germs, pollen, etc. Especially proteins and fats are those substances which react quickly with ozone and decompose. If ozone does not find a substance with which it can react, it decomposes into O2 (oxygen) automatically after a short time. These are exactly the properties we need.

In everyday life we know ozone mainly from the ozone layer which protects us and as an air pollutant close to the ground. As a pollutant, ozone is mainly formed from emissions and solar radiation (summer smog). Ozone is therefore only ONE component of a pollutant cocktail. Its harmfulness lies particularly in the excessively high concentrations and other harmful additives. A clear distinction must be made from summer smog: First, for its function the OZONOS Aircleaner only produces ozone in low concentrations and no harmful pollutants. Secondly, even under unfavourable conditions, the ozone concentrations remain in continuous operation in a safe range of less than 0.05 ppm, e.g. with the OZONOS AC-I version (TÜV certification, testing of each individual UV-C lamp).



EU Directive92/72/EEC (thresholds)
According to the EU directive, ozone does not pose a health risk at a concentration of 0.06 ppm. Information threshold / alarm threshold at 0.12 ppm. More information at EU Directives www.eur-lex.europa.eu or Bavarian State Office for the Environment www.lfu.bayern.de

## OZONE ONLY DOES ITS JOB AND DISAPPEARS.

#### **OZONOS TECHNIQUE**

#### INSPIRED BY NATURE

For the production of ozone we copy the natural formation of it in the ozone layer.

In combination with oxygen (O2), the UV-C light of the sun produces ozone (O3).

The OZONOS Aircleaner uses exactly this principle: The UV-C bulb in the OZONOS Aircleaner takes on the role of the sun. Contrary to the usual methods and environmental processes, no harmful nitrogen oxides are produced.

- No odour
- No bacteria
- No viruses
- No germs
- Only pure oxygen

#### **OZONE GENERATORS**

# SO FAR: TOO MUCH OZONE, TOO LOUD AND TOXIC NITROGEN OXIDES



#### Not appropriate for use in occupied rooms.

Until now, ozone for domestic use has been generated by so-called ozone generators. These devices use very high voltages to generate ozone and/or ionized air by means of electrical discharges (corona discharges). On the market they are also called ionizers. The disadvantage: corona discharges produce toxic nitrogen oxides (NOX) in the air - the main pollutant of summer smog and absolutely undesirable in room air.

In addition, the amount of ozone produced, usually more than 1,000 mg/h, is much higher than, for example, 2.5 mg/h for OZONOS (model OZONOS AC-I).

The use of conventional ozone generators for odour neutralisation and disinfection of rooms is only possible in a very controlled way, for example if the room is not entered for several days, as in the case of a crime scene cleaning. In addition, the noise level is often indicated with more than 45 db (audibly loud, concentration disturbance).



8 OZONOS\*\*

### WHERE CAN **OZONE** BE FOUND?

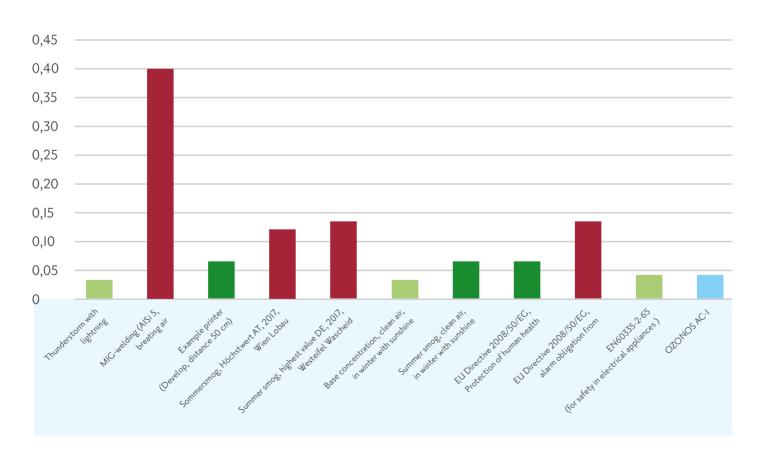
IN THE LAST FEW YEARS THERE HAS BEEN AN ENOURMOUS CHANGE IN THE SUBJECT OF OZONE.

In medicine, the use of ozone has been common for some time, for example in dentistry or for blood treatments.

The table below shows where ozone can be found in our daily lives and how it can be used. It can be clearly seen that our OZONOS AC-I is very far below the threshold values and specifications of the EU and the legislator.

Ozone is the most important gas in our environment and keeps nature in balance. We make use of this principle in our OZONOS products.

#### TYPICAL OZONE-CONCENTRATION IN PPM (PARTS PER MILLION)





## THE OZONOS CEILING LAMP "STELLA"

Everyone knows the annoying odours and aerosol fats in their kitchen, but nobody likes to place unsightly extractor hoods into their carefully planned kitchen.

OZONOS has the ideal solution!

Our new ceiling light "Stella" convinces not only with stylish design, but also with inner qualities: an integrated OZONOS AC-I PLUS! It brings light into the kitchen and at the same time eliminates unwanted odours and aerosol fats. Of course, the Aircleaner and the lamp can also be controlled separately.

IO OZONOS\*





#### DESCRIPTION CEILING LAMP "STELLA":

LENGTH:	1060 mm
WIDTH:	550 mm
HEIGHT:	220 mm
WEIGHT:	16,5 kg

LED-Strip 80W 24V 5700lm 2700K CRI>=90

Driver & OZONOS AC-I PLUS integrated incl. remote control, surface metal case in white (RAL9016) or anthracite (RAL7016), surface glass A-WS acrylic white satined

Connectivity:

DALI, DSI, switchDIM, corridorFUNCTION, Casambi



Anthracite RAL7016



White RAL9016

OZONOS° II







# NEW LIFE QUALITY WITH "HAILEY" – THE FLOOR LAMP

#### FUNCTION MEETS MODERN DESIGN

The floor lamp "Hailey" combines the best of the areas of design and hygiene. Behind the high-quality and modern look hides an OZONOS AC-I or AC-I PLUS under a beautiful lampshade. Experience fresh air in a different way.

#### INNOVATIV UND STILSICHER

The light and the OZONOS AC-I can be controlled separately, as well as simultaneously. The OZONOS AC-I silently and secretly purifies the air and sustainably improves your quality of life. Winner of the Red Dot Award for outstanding product design.

I2 OZONOS"









#### BDESCRIPZTION FLOOR LAMP "HAILEY":

DIAMETER:	Ø600 mm
HEIGHT:	1740 mm
WEIGHT:	19 kg
LED:	24V/230V
54W, 4950lm, 2700K, CRI 90	

Driver & OZONOS AC-I integrated incl. remote control, Euro plug, footswitch, leg RAL 9005 fine structure black, acrylic white satined







# OZONOS ELIMINATES CORONAVIRUSES!

# 100% IN THE AIR\* >90% ON SURFACES\*\*

The accredited and internationally recognized test laboratory for hygiene and medical devices HygCen Germany GmbH has examined our products and confirmed: The OZONOS AC-I models effectively eliminate coronaviruses.

The complex test procedure proves that the OZONOS is effective against coronaviruses and significantly reduces the risk of infection indoors.

# REDUCED RISK OF INFECTION AND NEW SAFETY FOR

- Medical practices
- Hotels & restaurants
- Nindergartens & schools
- Retirement & nursing homes
- Event venues
- Public institutions
- Sales rooms & offices







QZONOS"











# NEARLY UNLIMITED APPLICATION WITH THE **OZONOS TRIPOD**

16 OZONOS\*



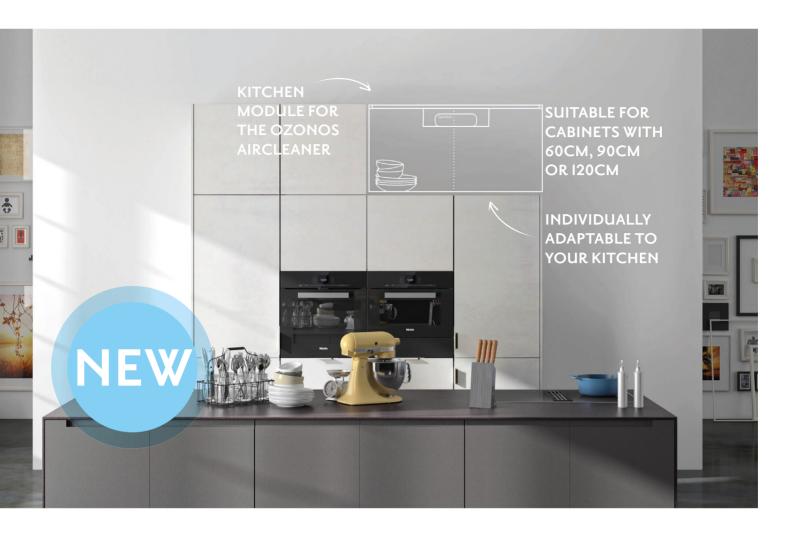
#### **OZONOS STATIV**

#### (COMPATIBLE WITH THE OZONOS AC-I LINE)

- Easy adjustment and transport
- Ideal air circulation due to higher placement of the device
- Individual and easy height adjustment due to leg clamps and 3 air-damped extracts
- Including wheels. E.g. for use in hotel rooms.

#### **DESCRIPTION OZONOS STATIV:**

DIAMETER:	33-29-25 mm
HEIGHT:	maximum 300 cm
NET WEIGHT:	1,6 kg
LOAD:	9 kg



# THE OZONOS KITCHEN MODULE

For all those who don't want to be without their OZONOS Aircleaner anymore - we have good news!

The AC-I line can now be integrated into every planned and already existing kitchen due to our new individually adaptable kitchen module!

The new kitchen module is available exclusively at our kitchen partners, such as HAKA Küche or Sachsenküchen. For detailed information, please contact your favourite kitchen manufacturer!





EXAMPLE CABINET INCL. KITCHEN MODULE

18 OZONOS"

### **DOCTORS PRACTICES:**

WAITING ROOMS NO LONGER HAVE TO BE GERM-MAGNETS.





### **OZONOS IN BUSINESSES**

#### **HOTEL ROOMS**

Fewer pathogens even at high room occupancy

#### **TOILETS**

Elimination of germs, bacteria and also odours

#### **CONFERENCE ROOMS**

Even with full occupation clean air and lower risk of contagion

#### **OFFICES**

Reduction of bacteria, viruses and germs in the workplace











## APPLICATION IN KINDERGARTENS & SCHOOLS

#### **EXAMPLES FOR APPLICATION:**

- Reduction of germs and odours in toilets
- Odour-free changing rooms
- Reduction of bacteria and viruses in classrooms
- Better Hygiene in gyms, libraries and canteens



Also eliminates odours in clothing. Designed also for use in wardrobes or small rooms

20 OZONOS"

### CLEAN AIR IN THE AREA FITNESS & SPORTS

#### **EXAMPLES FOR APPLICATION:**

- Hygienic changing rooms
- Viruses and germ-free training and treatment rooms
- Elimination of unpleasant odours
- Relief for allergy sufferers

» Not only for athletes, optimal conditions are important to achieve maximum performance. Everyone needs to live healthy and have fresh air - with OZONOS this is now possible. «

Niko Kovac









# OZONOS IN THE CARAVAN

#### FRESH AIR - ALWAYS AND EVERYWHERE!

Everyone knows the annoying fumes and aerosol greases that arise during cooking and remain in the air and furniture long after eating. But also animal smells cause many caravan owners problems.

Especially in smaller spaces, one wants to counteract this quickly and effectively. OZONOS is a problem solver here! The Aircleaner completely and silently removes the unwanted odours and aerosol greases in the caravan.

OZONOS\*

## **NEARLY UNLIMITED** APPLICATION IN

## HOTELS & GASTRONOMY

#### **EXAMPLES FOR APPLICATION:**

- Guest, common and meeting rooms
- Skiboot and drying rooms
- Kitchen area
- Fitness area
- Spa-Area, Changing rooms & Solariums
- Smoking areas
- Hotel rooms

AND MANY MORE ...

»I am very sensitive to bad odours, and eliminating them with OZONOS is ideal. In addition, the Aircleaner is a weapon against germs and viruses - for the health of employees and guests.«

**Roland Trettl** 







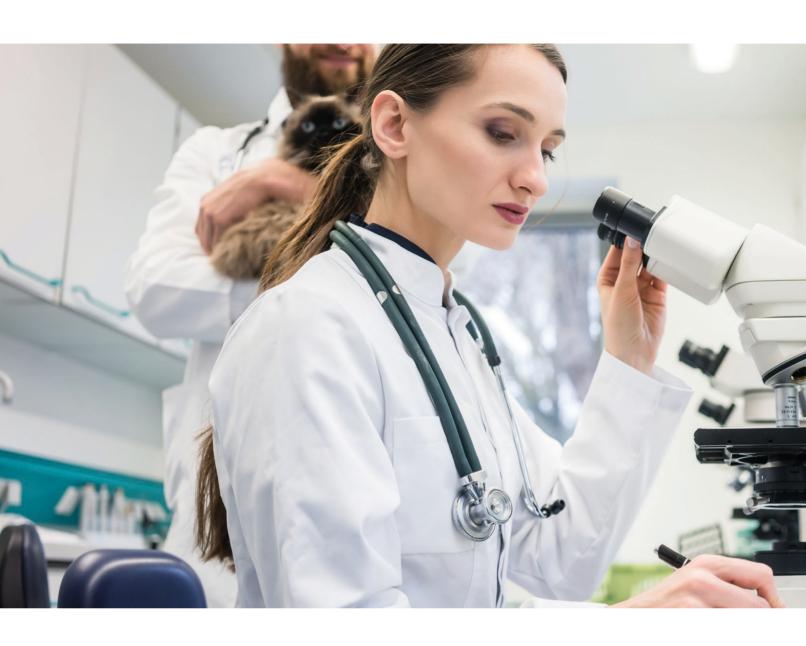
22 OZONOS®

















24 OZONOS®



# NEARLY UNLIMITED APPLICATION IN THE MEDICAL SECTPR

#### **EXAMPLES FOR APPLICATION:**

- Pharmacies
- Hospital rooms
- Doctors pratices
- Waiting rooms / receptions
- Hospital Laundry Rooms
- Vet Practices
- Physiotherapy Rooms

AND MANY MORE ...





DOCTORS

PRACTICES &

WAITING ROOMS

NO LONGER HAVE

TO BE GERM

MAGNETS



### **OZONOS** FOR ALLERGY SUFFERERS



MORE HYGIENE
IN GERM
BURDENED
ROOMS

The mobile Aircleaner OZONOS is especially suitable for allergy sufferers. No matter if pollen allergens, animal hair or house dust - if the air is polluted by allergy-causing components, this is a horror for allergy sufferers during the day and at night. OZONOS cleans the air and additionally ensures hygiene in germ-contaminated living rooms and bedrooms.

OZONOS requires neither chemicals nor filters and, thanks to its extremely low energy consumption, can be used around the clock.

# ENVIRONMENTALLY FRIENDLY, SUSTAINABLE AND ABOVE ALL HARMLESS TO HEALTH

Disinfection with ozone is considered one of the most environmentally friendly methods of achieving sustainable elimination of unpleasant odours and harmful microorganisms. No filters or chemicals are required.

MORE EXAMPLES: Shoe rooms, wardrobes, caravans and yachts in winter storage.

26 OZONOS"

### **IMPOVED CLIMATE**

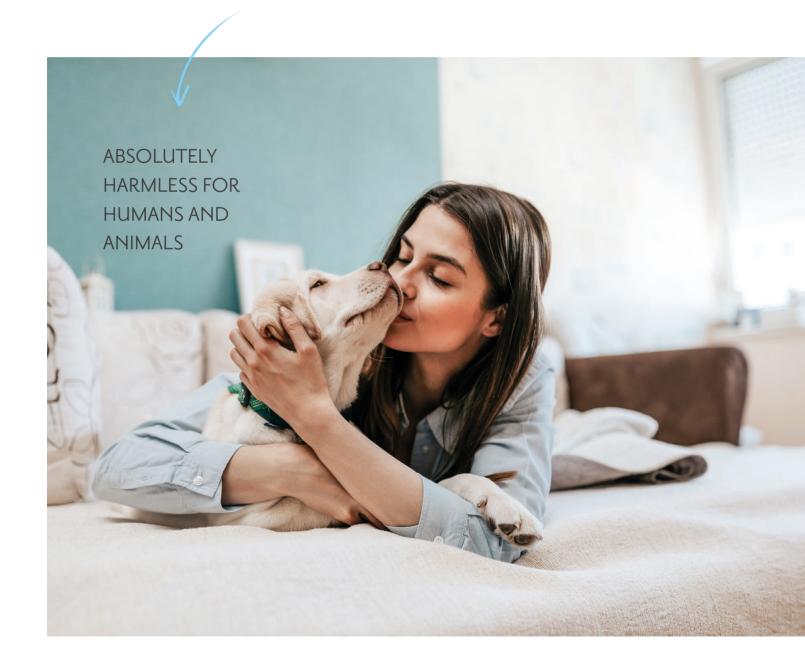
### TO LIVE AND WORK

Numerous tests and studies prove that the use of the OZONOS Aircleaner is harmless for you and your four-legged friends: When used correctly, the limit values are adhered to and there is no UV-C exposure outside the device.

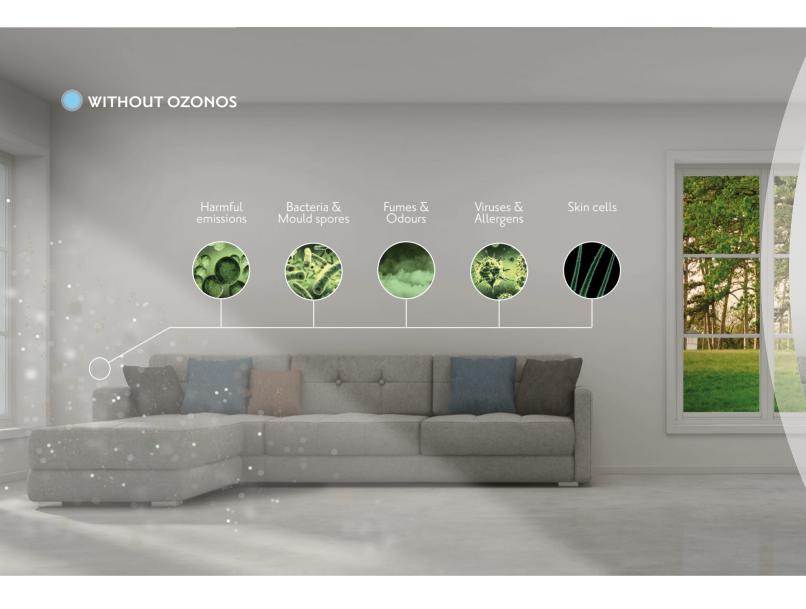
The ozone is generated by the device and, due to its responsiveness, immediately reacts with germs, spores, odours, etc.

If nothing is left, the ozone quickly decomposes to normal oxygen due to its short half-life.,

In the sleeping area, the proteins of the skin cells or pollen are removed. As a result, mites lose their food and die, leading to a significant improvement in air quality for allergy sufferers.



OZONOS<sup>®</sup> 27



## **WHICH OZONOS SUITS US?**

All three versions are available in all three colours



OZONOS AC-I PLUS\* OZONOS AC-I PRO\*

28 OZONOS\*



#### The OZONOS AC-I

is designed for permanent use and therefore allows you to be in the same room 24/7. Particularly suitable for smaller rooms such as cold storage rooms or hotel rooms.

Elimination of normal odour disturbance or low levels of bacteria, viruses or germs. Perfect for creating allergy-friendly rooms.

#### The OZONOS AC-I PLUS\*

is designed for quick and intensive cleaning. It is particularly suitable for heavy and strong odours or a high bacterial, viral or germ load.

Used e.g. in ski shoe rooms, larger rooms, kitchens or cooling rooms, etc.

#### The OZONOS AC-I PRO\*

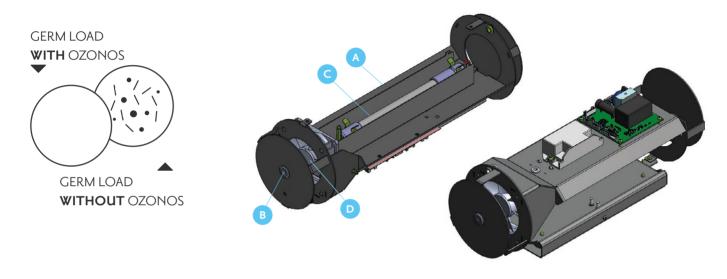
aims very strongly at the professional user or also for the private area. In areas where it is important to achieve a convincing result within the shortest time.

Areas of application: Garbage rooms, ski shoe rooms, heavily odour-contaminated and germinated areas.

<sup>\*</sup>The OZONOS AC-I PLUS and AC-I PRO are not designed for 24/7 use where people stay in the same room permanently. We recommend not to stay in the room for longer than 8 hours when operating the device. OZONOS AC-I PLUS and AC-I PRO are particularly suitable for professional use and for quicker and more intensive cleaning.

# **DISINFECTION** THROUGH CONTROLLED OZONE OUTPUT

OZONOS in detail: The integrated fan draws polluted air into the interior of the OZONOS. The specially developed UV-C bulb generates ozone from the oxygen in the air. The highly reactive ozone immediately reacts with odour molecules, proteins and fats. Odours, spores, germs etc. are thereby eliminated. The cleaned air is then returned to the room.



A Case  $\cdot$  B On/Off button with blue control light  $\cdot$  C UV-C special bulb  $\cdot$  D Fan

### **EVERYTHING FOR YOUR SAFETY**

#### **TÜV CERTIFIED AND CONVINCING IN NUMEROUS TESTS**

The OZONOS AC-I produced according to ISO 9001:2015 was successfully tested in the laboratory by TÜV SÜD Product Service for compliance with legal standards (EN60335-2-65, maximum 0.05 ppm ozone concentration) and certified by Quality Austria Trainings, Zertifizierungs und Begutachtungs GmbH. In addition, long-term and stress tests as well as the CE Declaration of Conformity prove the safety, electromagnetic compatibility and interference immunity.

The OZONOS AC-I is therefore not only effective in practice, but also tested by independent tests and therefore harmless to health.





## **TÜV CERTIFICATE**

TEST REORT OF MARCH 20, 2017

No. 24493-01305-01 (Edition I)

**TEST BASIS** 

EN 61000-6-3:2007 + AI:2011

+ AC:2012

EN 61000-6-2:2014

EN 61000-6-3:2013

EN 61000-6-6:2007

**TEST RESULTS** 

**FULFILLED** 

The tests were successfully passed.

# TEST FOR INTERFERENCE IMMUNITY

- ✓ radiated disturbances
- ✓ harmonics
- ✓ voltage fluctations
- ✓ interference voltage
- ✓ electromagnetic HF fields
- ✓ static electricity discharge
- ✓ asymmetric high frequencies
- ✓ fast transients
- ✓ surge voltages
- ✓ voltage dips and interruptions

\*Our OZONOS AC-I model has been certified and approved by the TÜV SÜD via our manufacturer "Digital Elektronik GmbH". We are currently in the process of subcertification and because of legal purposes are not allowed to use the TÜV SÜD logo until further notice.



**MEASURING**In the testing room



**MEASURING** voltage fluctuations



**MEASURING**Electromagnetic HF fields

OZONOS° 3I

### **QUALITY MADE IN AUSTRIA**

#### TEST REPORT OF 22 JUNE 2016

Registration No.: 01511/0

#### **TEST BASIS**

Quality Management System Standard: ISO 9001:2015

#### **CERTIFICATION ISSUE**

Quality Austria -Trainings, Zertifizierungs und Begutachtungs GmbH issues a **quality**austria certificate to our manufacturers:



#### Digital Elektronik Ges.m.b.H

A-5083 St. Leonhard bei Salzburg, Berchtesgadner Straße IO

A-5580 Tamsweg |ohann-Kopfmüllerstraße 6



#### Digital Elektronik d.o.o.

Ul. Kninska bb BH-74400 Derventa

#### **TEST RESULTS**

# **FULFILLED**

Confirmation of the application and further development of an effective quality management system.





32 OZONOS"

# **OZONOS** TECHNICAL DATA SPECIFICATIONS & FEATURES



<sup>\*</sup>The OZONOS AC-I PLUS and AC-I PRO are not designed for 24/7 use where people stay in the same room permanently. We recommend not to stay in the room for longer than 8 hours when operating the device. OZONOS AC-I PLUS and AC-I PRO are particularly suitable for professional use and for quicker and more intensive cleaning.



»The OZONOS devices are used in several versions in various rooms and areas of the restaurant "Meyers Keller". We are very satisfied with the performance of the devices. With their modern design and easy handling, they are perfect for our needs. We will buy even more OZONOS Aircleaners!«

»What an awesome OZONOS! For now on the only stinky thing is me sometimes. Fresh air in the kitchen thanks to OZONOS!«



Jockl Kaiser
Star Chef & Manager of Restaurant
Meyers Keller
www.jockl-kaiser.de



Tim Raue
Star Chef & Manager of Restaurant Tim Raue
www.tim-raue.at

»In the Smile Clinic Salzburg we use the OZONOS® system for disinfection of the bacterial or viral contaminated aerosol cloud, which develops during the dental treatment. In this way we actively protect our employees from illnesses.«

»The air quality in my practice has improved considerably through the use of OZONOS. This is especially noticeable in the waiting room. Even with a high number of patients the room climate does not suffer and the reduced germ load is an additional benefit for staff and patients.«



Dr. med. univ. et med. dent Sehdi Sarmini Economic Clinic Management www.smile.at



Dr. **Susanne Obermann** Salzburg

»We are very pleased that the OZONOS technology enables us to give our customers, passengers and employees not only safety, but also a further level of trust in travel and health.«

»For our Alm Resort we bought the OZONOS Aircleaner. Germ and bacteria free rooms are the absolute added value for us.

We will buy more OZONOS AC-I to be able to offer our guests rooms for allergy sufferers in the future.«



Paul and Thomas Blaguss BLAGUSS Group www.blaguss.at



Mario Eichelhardt Alm Resort Nassfeld www.almresort-nassfeld.com

OZONOS\*

»The devices are used inn the VIP area and offer our guests additional afety during the matches. The fact that bacteria, germs and viruses in the air are eliminated by OZONOS is an enormous added value in areas where many people gather.«

»We use the OZONOS® Aircleaner in our treatment and waiting rooms to protect our patients from germs and bacteria even better. In addition to this increased protection, it is also a great side effect that odours are eliminated across all areas.«





Dr. med.

Katharina Reschen

Practice Management

www.ord-reschen.com

» On set but also e.B. in common areas we have cleaned the air with OZONOS devices. The OZONOS devices eliminate 100% of viruses and bacteria in the air and over 90% on surfaces. Our experience has been consistently positive..«

»The device not only met my expectations, but even exceeded them. A must for any responsible doctor in waiting rooms and in the surgical area. Smells during cooking and pollen allergies are also reduced positively. Even the design is very appealing.«





DDr.

Helmut Falch

Doctor of dental, oral and maxillofacial
medicine

»We have recently started using the OZONOS Aircleaner in the Krabbelstube Kuschelkiste. The air quality (unpleasant odours) has noticeably improved, especially in the movement room and the sleeping room.«

»Wir haben innovative Technologien eingeführt und Marriott Sauberkeitsprogramme umgesetzt. Neben den Personalausbildungen sind unsere hochwertigen OZONOS-Luftreiniger nicht nur gegen Viren von Vorteil, sondern bieten auch Menschen, die unter Allergien leiden, saubere Luft!«



Karin Schosser Team Management Nursery "Kuschelkiste" www.kuschelkiste.at



Hotel Goldener Hirsch Salzburg www.goldenerhirsch.com

 $\gg$ I always had lots of problems with my allergy. After a long search I finally found something that really helps and that I can rely on: the OZONOS Aircleaner! Since I have it at my side, my allergy cannot harm me any more. I feel much more stable and healthy!«

»In our two hotels Neutor and Neutor Express in Salzburg we have recently started using an OZONOS AC-I PRO device to eliminate unpleasant odours primarily in our rooms and to offer our guests a hygienic atmosphere in their rooms. We are already considering equipping other areas with OZONOS devices.«



European rowing champion

Magdalena Lobnig

2x bronze at world championships

www.magdalenalobnig.at



Axel Teckentrup-Kurz
Director of Hotel Neutor Betriebs GmbH
www.neutor.com













































YOUR CONTACT:

#### **OZONOS GMBH**

Ginzkeyplatz II · A-5020 Salzburg

M frischluft@ozonos.com · W www.ozonos.com

#### **OZONOS SCHWEIZ GMBH**

Kirchstrasse 5 · CH-81O4 Weiningen

M frischluft@ozonos.ch · W www.ozonos.ch

#### OZONOS ASIA

Peter Murhammer

83/II Moo 4, Koh Kaew Sub District, Muang-Phuket District · Phuket Province 8300 **M** asia@ozonos.com · **W** www.ozonos.com

VI.3-

<sup>\*</sup>Our OZONOS AC-I model has been certified and approved by the TÜV SÜD via our manufacturer "Digital Elektronik GmbH".

We are currently in the process of subcertification and because of legal purposes are not allowed to use the TÜV SÜD logo until further notice.