

breathe
easily!



PRIZMA

HEALTH CARE

PROFESSIONAL

1990

year that we were founded

Production Experience

29 years

2019, foundation of Prizma GmbH,
based in Germany

EU, USA, Indonesia, Australia
our export markets

From 1990 Omron Healthcare Distributor
Serbia, Bosnia & Herzegovina, Montenegro,
and North Macedonia markets

Cooperation with
Rwth Aachen University, Serbian Academy of Science

CE  **CE 1304**
our products certificates

ISO 9001:2015, EN ISO 13485:2016, ISO 14001:2015
our management system standards

Our Story

EFFICIENT OXYGEN DELIVERY SYSTEM

PRIZMA O2, portable oxygen concentrator, provides a high oxygen concentration to patients, with oxygen needs.

The device is delivering medical-grade oxygen through a nasal cannula, while removing nitrogen.

When a patient needs oxygen, a system for effective and efficient oxygen delivery is essential.

PRIZMA O2 is a lightweight device that comes with a battery and can be used at home, at work or while travelling.

PRIZMA O2 delivers oxygen through a pulse dose using intelligent technology.

PRIZMA O2 has simple control functions and an LCD screen.



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PRIZMA O2

CE 1304

MEDICAL DEVICE

- **Oxygen delivery on the go**
- **Lightweight and quiet**
- **Easy to use and easy to maintain**

Technical Data

- Oxygen Concentration: 87-96%
- Flow type: pulse
- Levels of flow settings: 6
- Flow rate: 210 - 1260 ml/min
- Max limited pressure: 1.5 bar $\pm$ 25%
- Battery life: up to 5 h, at 210 ml/min
- Battery charging time: 2.5 h
- Noise level: $\leq$ 43 dB (A) at flow setting 2
- Power Supply: 100 - 240 V AC, 50 - 60 Hz; 24 V DC, 120 W
- Warm up time: 2 min
- Dimensions: 187 $\times$ 88 $\times$ 217 mm
- Weight: 2.16 kg

CONTENTS OF THE KIT:

PRIZMA O2 oxygen concentrator, 8-cell battery, AC/DC adapter, nasal cannula, carrying bag and instruction manual



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Optional 16-cell extended battery available

PROFESSIONAL ULTRASONIC NEBULIZERS

Prizma is producing the own line of professional ultrasonic nebulizers for medical facilities; devices are simple to use and easy to maintain.

Our professional ultrasonic nebulizers are ideal for continuous multipatient nebulization.

On the device's touch screen it is possible to make settings such as: air volume, nebulization rate, start time and duration of inhalation therapy. Screen is readable even in the dark, thanks to the backlight.

Our product range consists of:

PROFI SONIC – basic professional ultrasonic nebulizer

PROFI SONIC H – professional ultrasonic nebulizer with integrated aerosol heating system



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- Large number of patients continuous inhalations
- Touch screen for parameters setting
- In every position nebulization

Technical Data

- Nebulization rate: 0.0 - 3.0 ml/min
- Air volume: max 20 l/min
- Particle size: 0.5 - 5.0 microns
- Capacity of medication cup: 5 - 150 ml
- Low drug residue: 1 ml
- Capacity of water tank: 300 ml
- 100% silicone hose: ultra-thin silicone hose can be sterilized in an autoclave
- Ultrasonic frequency: 1.7 MHz
- Noise level: < 35 dB (A)
- Operating voltage/frequency: 100 - 240 V AC, 50/60 Hz
- Power consumption: 55 W
- Dimensions: 260 × 200 × 250 mm
- Weight: 1.8 kg

CONTENTS OF THE KIT:

PROFI SONIC nebulizer, silicone inhalation hose (90 cm), mouthpiece, 3 medication cups (one already installed), adult mask, child mask, bacterial filter, power cord and instruction manual.



- **Heated nebulization continuous inhalations**
- **Adjusting the heat level of nebulization**
- **Touch screen for parameter settings**

Technical Data

- Nebulization rate: 0.0 - 3.0 ml/min
- Air volume: max 20 l/min
- Particle size: 0.5 - 5.0 microns
- Capacity of medication cup: 5 - 150 ml
- Low drug residue: 1 ml
- Capacity of water tank: 300 ml
- 100% silicone hose: ultra-thin silicone hose can be sterilized in an autoclave
- Ultrasonic frequency: 1.7 MHz
- Noise level: < 35 dB (A)
- Operating voltage/frequency: 100 - 240 V AC, 50/60 Hz
- Power consumption: 90 VA
- Dimensions: 260 × 200 × 250 mm
- Weight: 1.8 kg

CONTENTS OF THE KIT:

PROFI SONIC H nebulizer, silicone inhalation hose with heating (90 cm), 3 medication cups (one already installed), bacterial filter, power cord and instruction manual.



Optional accessories are available.

ACCESSORIES / CONSUMABLES

PROFI SONIC / PROFI SONIC H
Table stand, adjustable height
Made of stainless steel
Catalogue code: PSDS *



PROFI SONIC / PROFI SONIC H
Movable stand, adjustable height
Made of stainless steel
Catalogue code: PSTS *



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* Optional accessory

ACCESSORIES / CONSUMABLES

PROFI SONIC / PROFI SONIC H

Medication supply set

Catalogue Code: PSMS *

Material: PP (polypropylene)

Single pack quantity: 1 piece



PROFI SONIC / PROFI SONIC H

Inhalation hose

Catalogue Code: PSIH

Material: Silicone

Single pack quantity: 1 piece



PROFI SONIC / PROFI SONIC H

Bacterial filter

Catalogue Code: PSBF

Material: PP (polypropylene)

Single pack quantity: 1 piece



PROFI SONIC / PROFI SONIC H

Medication cup

Catalogue Code: PSMC

Material: PET

Single pack quantity: 5 pieces



PROFI SONIC
Mouthpiece
Catalogue Code: PSMP
Material: PC
Single pack quantity: 5 pieces



PROFI SONIC
Child mask
Catalogue Code: PSCM
Material: Silicone
Single pack quantity: 1 piece



PROFI SONIC
Adult mask
Catalogue Code: PSAM
Material: Silicone
Single pack quantity: 1 piece



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COMPRESSOR NEBULIZER

Prizma is producing powerful compressor nebulizer with unique nebulizer kit that allows setting of nebulization rate of 0.3-0.45 ml/min, providing efficient drug delivery to the smallest parts of the airways and making the therapeutic effect of the administered drug even greater.

During nebulization the users are protected of inhaling dust and other impurities from the air, thanks to the filter that is supplied in our compressor nebulizer.

Our compressor nebulizer is intended for use in the home environment and medical facilities, and patients could be adults and kids.



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- **Setting of aerosol rate with unique nebulizer kit**
- **Strong compressor**
- **For home & medical facilities use**

Technical Data

- Particle size: < 5 microns
- Nebulization rate: 0.3 - 0.45 ml/min
- Capacity of medication cup: 2 - 8 ml
- Low drug residue: 0.64 ml
- Compressor maximum pressure: 2.5 bar
- Compressor maximum air flow: 8 l/min
- Noise level: <60 dB (A)
- Operating voltage/frequency: 230 V/50 Hz
- Power consumption: 120 VA
- Dimensions: 180 × 140 × 110 mm
- Weight: 1.3 kg (compressor only)



CONTENTS OF THE KIT:

PRIZJet nebulizer, the power cord, inhalation hose (length 150 cm), nebulizer kit (medication cup), adult mask, child mask, mouthpiece, air filters (5 pcs + 1 assembled), storage and carrying case pouch and instruction manual.

Optional accessories available for different types of inhalation therapy.

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What is Halotherapy (dry salt therapy)?

Today, more and more people are suffering from respiratory issues. From pollution and smog to airborne diseases, pollens and toxins; never before has our society been faced with such a growing epidemic of respiratory ailments.

Halotherapy (dry salt therapy) has been researched over the past few decades. It is a natural, drug-free, alternative treatment that may help to improve respiratory issues and skin conditions.

The key process involves a halogenerator crushing and grinding 99.99% Pure Grade Sodium Chloride (salt) into very tiny microparticles. The halogenerator, or halotherapy machine, then disperses these dry aerosol microparticles of salt into the salt therapy room, salt cave, halotherapy sauna, or salt booth during a typical session.

As an individual undergoes a salt therapy session, they inhale the microparticles. The particles penetrate deep into the lungs, bronchi, bronchioles, and alveoli to address respiratory concerns.

At the same time, the non-inhaled salt particles are absorbed by the body to combat skin conditions. Salt therapy can offer both respiratory (lungs and breathing) and cutaneous (skin-related) benefits. Additionally, the relaxing, calm environment offered by salt room therapy can help with stress reduction.

The halotherapy protocols include heating the salt prior to putting it into the salt chamber. Heat ensures that all moisture is evaporated. When the salt is crushed and ground into microparticles and inhaled, the salt particles can do their best job.

The Benefits Of Salt Room Therapy

Halotherapy benefits adults and children alike, as well as athletes and animals. It is natural and safe.

A majority of people who visit salt rooms on a regular basis may find relief from a variety of respiratory conditions.

Dry salt therapy is great for people who also have particular skin conditions such as eczema, acne and psoriasis. Salt therapy may also provide help when someone is recovering from cosmetic surgery

Halotherapy is very beneficial for overall general wellness. It removes toxicity from the respiratory system. People are exposed on a daily basis to pollutants, airborne diseases, bacteria, allergens and other irritating and harmful factors.

Halotherapy is an excellent way to cleanse and detox the lungs. It can also help to invigorate the whole body by supporting increased lung capacity and oxygen intake.

Interested in salt therapy for general respiratory hygiene? Visiting your local salt therapy facility once or twice a week will enhance lung capacity, boost the immune system, reduce stress, and support better sleep.

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DRY SALT AEROSOL GENERATORS

Dry salt therapy (halotherapy) is provided by utilizing a professional-quality halogenerator. Salt particle size emitted from the halogenerator must be 5 microns or less (the smaller the better). Dry salt therapy (Halotherapy) can only be provided in an enclosed space to contain the salt particles in the area such as a room, booth, cabin, or other type of chamber.

Prizma is producing the own line of dry salt aerosol generators with EC and UL certificates for medical facilities and wellness / SPA centers.

On the device's touch screen or via the Android / Windows / iOS smart device is possible to make settings of device, such as salt consumption, start time, duration of halotherapy, dosage profile (device is offering 10 dosage profiles). Screen is readable even in the dark, thanks to the backlight.

Materials, which are in contact with salt, are made of stainless steel and plastic, that ensures long life of Prizma dry salt aerosol generators.

Our product range consists of:

- multiSALT+ – wellness / SPA device with UL certificate and CE mark for small salt rooms, salt cabins and tent
- PRIZSALT+ – medical device with EC certificate
- PRIZSALT+S – wellness / SPA device with UL certificate and CE mark
- homeSALT – home device with UL certificate and CE mark to be used also in salt room, tent, cabin or in outdoor spaces
- nanoSALT – home device with UL certificate and CE mark to be used also in salt room, tent, cabin or in outdoor spaces



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multiSALT+



Wellness/SPA device

- Wellness/SPA device
- Wireless management Prizma Link app
- Up to 9 programs personalization

Technical Data

- Touch screen operated
- Personalization of up to 9 programs: duration of inhalation and salt dosing
- Capacity of the salt container: max 35 g
- Salt consumption: 0 - 100 g/h (adjustable)
- Operating voltage/frequency: 100-240 V AC, 50/60 Hz
- Power consumption: 18 W
- Dimensions: 225 x 218 x 395 mm
- Weight: 8 kg



CONTENTS OF THE KIT:

multiSALT+ dry salt aerosol generator, cleaning equipment, power cord, deflector, extension tube, software and instruction manual.



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- **Medical device**
- **Wireless management** Prizma Link app
- **Up to 9 programs** personalization

Technical Data

- Touch screen operated
- Personalization of up to 9 programs:
duration of inhalation and salt dosing
- Capacity of salt dispenser: max 150 g
- Salt consumption: 0 - 500 g/h (adjustable)
- Operating voltage/frequency:
100 - 240 V AC, 50/60 Hz
- Power Consumption: 35 W
- Dimensions: 270 × 260 × 480 mm
- Weight: 13.5 kg



CONTENTS OF THE KIT:

PRIZSALT+ dry salt aerosol generator, cleaning equipment, power cord, deflector, extension tube, software and instruction manual.



PRIZSALT+S



Wellness/SPA device

- Wellness/SPA device
- Wireless management Prizma Link app
- Up to 9 programs personalization

Technical Data

- Touch screen operated
- Personalization of up to 9 programs:
duration of inhalation and Salt dosing
- Capacity of the salt dispenser: max 150 g
- Salt consumption: 0 - 500 g/h (adjustable)
- Operating voltage/frequency:
100 - 240 V AC, 50/60 Hz
- Power consumption: 35 W
- Dimensions: 270 × 260 × 480 mm
- Weight: 13.5 kg



CONTENTS OF THE KIT:

PRIZSALT+S dry salt aerosol generator, cleaning equipment, power cord, deflector, extension tube, software and instruction manual.



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- **New approach in halotherapy**
- **Home device for indoor and outdoor spaces**
- **Remote control 4 programs of operation**

Technical Data

- Remote control: Operate from a distance
- Programs of operation: 4 programs of operation
- Led indicator: Light indication of device status
- Operating voltage: 24 V
- AC/DC adapter
100 - 240 V AC, 47 - 63 Hz, 1.6 - 0.7 A
24 V DC, 2.6 A max
- Power consumption: 15 W
- EI.protection class: Class III
- Salt tank capacity: 20 g maximum
- Dimensions: 113 × 236 × 70 mm
- Net weight: 1 kg



CONTENTS OF THE KIT:

homeSALT dry salt aerosol generator, AC/DC adapter, remote control key fob, brush and instruction manual.

- **New approach in halotherapy**
- **Small dimension battery operated**
- **Portable**

Technical Data

- 10 inhalations with a fully charged battery
- Battery charge indicator
- Empty battery indicator
- Indicator of blocked motor
- Open cover indicator
- Operating voltage: 6V DC
- AC/DC adapter:
100 - 240 V AC, 50 - 60 Hz, 0.5 A
5 V 3 A DC
- Power consumption: 8 W
- El.protection class: Class III
- Salt tank capacity: 5 g
- Dimensions: 170 × 50 × 60 mm
- Net weight: 0.5 kg

CONTENTS OF THE KIT:

nanoSALT dry salt aerosol generator, AC/DC adapter, brush and instruction manual.



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ANEROID SPHYGMOMANOMETER

Prizma is producing aneroid sphygmomanometer with EC certificate.

100% German mechanism made by HB-Feinmechanik GmbH & Co. KG is the heart of our aneroid sphygmomanometer, that provides accurate measurements and reliable readings.

Its one-tube system guarantees easiest operation while unique designed 180°rotary anti-slip bulb enables both left- and right-hand users to easily use the device.

Bladderless cuffs are biocompatible according to the high criteria of EN ISO 10993 series of standards and produced with high quality TPU coated nylon fabric that are latex-free, not toxic, non phthalate.

It is intended for use in the medical facilities and in home environment.



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- **100% German mechanism by HB-Feinmechanik**
- **180° rotary anti-slip bulb**
for left-handed and right-handed users
- **Bladderless cuff biocompatible (EN ISO 10993)**

Technical Data

- Manometer scale range: 0 - 300 mmHg
- Accuracy: ± 3 mmHg
- Scale diameter: $\varnothing$ 66 mm
- Tube system: one-tube system
- Cuff type: bladderless for arm circumference 27.5 - 36.5 cm
- Cuff material: TPU coated nylon
- Measuring mechanism, German-made by HB-Feinmechanik GmbH & Co. KG



CONTENTS OF THE KIT:

PRIZMA PA1 aneroid sphygmomanometer, bladderless cuff 27.5-36.5 cm, storage and carrying case pouch and instruction manual.

Optional cuffs for arm circumferences of 9.0-14.8 cm, 13.8-21.5 cm, 20.5-28.5 cm, 27.5-36.5 cm and 35.5-46.0 cm, are available on demand

high precision

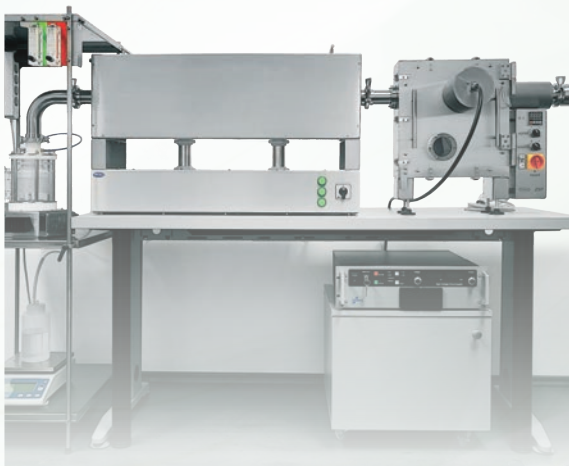
ULTRASONIC SPRAY PYROLYSIS DEVELOPMENT SYSTEM

PRIZnano is a large capacity ultrasonic atomizer of liquids. Usage of 3 piezo-electric crystals guarantee a large atomization capacity up to 1.2 l/h, which provides production of large quantity of aerosol that is ideal for independent use (humidification of large spaces) or in combination with other system for the production of nano particles.

PRIZMA ESP nano particle collector use high-voltage electrostatic field to collect ultra-fine particles. The minimum collectable particle is 0.1 nm. Collection efficiency is more than 95%.

It is intended for use in industry, science and research & development centers (in the process of obtaining nano powders), in medicine and food industry.

- PRIZnano – ultrasonic atomizer
- PRIZMA EF – electronic furnace
- PRIZMA ESP – electrostatic percipitator



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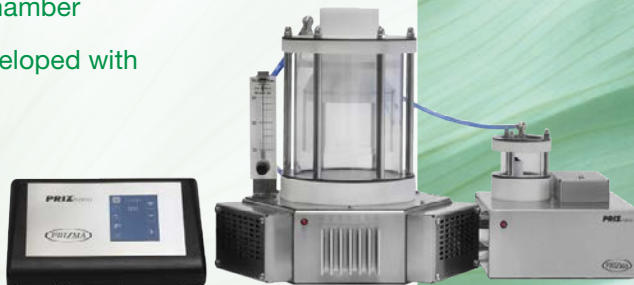
PRIZnano

INDUSTRIAL DEVICE

- **Pyrolysis atomizer** our specialization
- **Resistant to chemicals** the chamber
- **RWTH Aachen university** developed with

Technical Data

- 3 piezoelectric crystals, which are glass coated due to resistance to chemicals
- Capacity of atomization: 0-1.2 l/h
- The most common particle size:
 - 5.0 microns – 1.7 MHz
 - 3.0 microns – 2.4 MHz
- Ultrasonic frequency: 1.7 or 2.4 MHz
- Power supply / frequency: 100-240 V AC, 50/60 Hz
- Power consumption: 150 W
- Dimensions: 250 × 250 × 350 mm
- Weight: 6.5 kg



CONTENTS OF THE KIT:
PRIZnano atomizer and instruction manual.

nanotechnology

- Easy collection of nano powder
- Easy cleaning

Technical Data

- Power supply / frequency:
100 - 240 V AC, 50/60 Hz
- Power consumption: 500 W
- Dimensions: 600 × 550 × 560 mm
- Weight: 32.5 kg



Collected silver nano particles

CONTENTS OF THE KIT:
PRIZMA ESP filter and instruction manual.



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