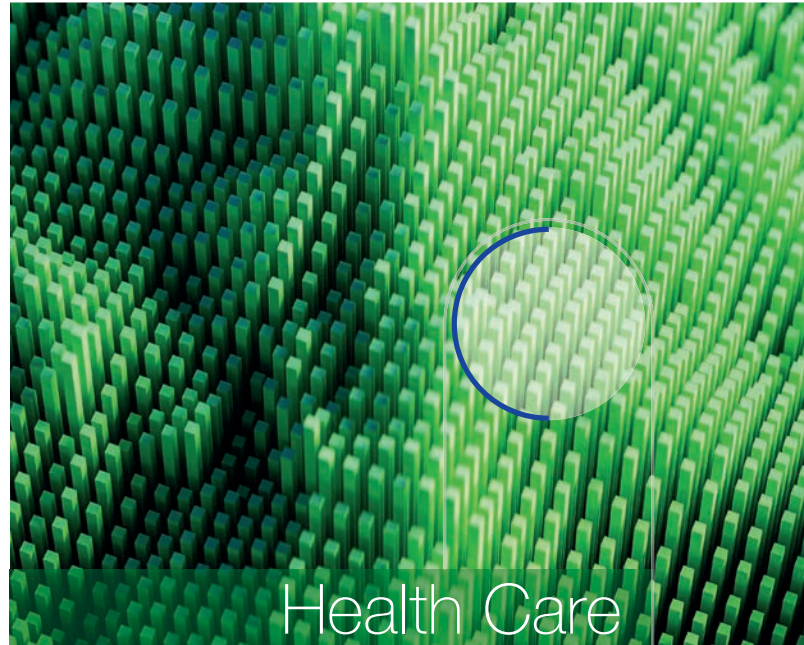




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Health Care

Professional



since 1990



Our Story

SINCE 1990

1990
year that we were founded

Production Experience
26 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

MEDICAL DEVICES

breathe care



PRIZMA

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 the 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.



DEVELOPED & MADE IN SERBIA

PRIZMA O2

CE 1304*

- **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 60 dB
- 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-core battery, AC/DC adapter, nasal cannula, carrying bag and instruction manual

* Q1 2025

PRIZMA

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:

PROFISONIC – basic professional ultrasonic nebulizer

PROFISONIC H – professional ultrasonic nebulizer with integrated aerosol heating system



DEVELOPED & MADE IN SERBIA

PROFI SONIC

CE 1304

- 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.

PROFI SONIC H

CE 1304

- **Heated nebulization**
continuous inhalations
- **Adjusting the heat level**
of nebulization
- **Touch screen**
for parameters setting

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 (90 cm), 3 medication cups (one already installed), bacterial filter, power cord and instruction manual.

Optional accessories are available.



OPTIONAL ACCESSORIES

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



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: 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



PRI/MA

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.



DEVELOPED & MADE IN SERBIA

PRIZJet

CE 1304



- **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 x 140 x 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.



high precision

MEDICAL DEVICE



PRI/MA

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.



DEVELOPED & MADE IN SERBIA

PRI/MA PA1

CE 1304



- **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

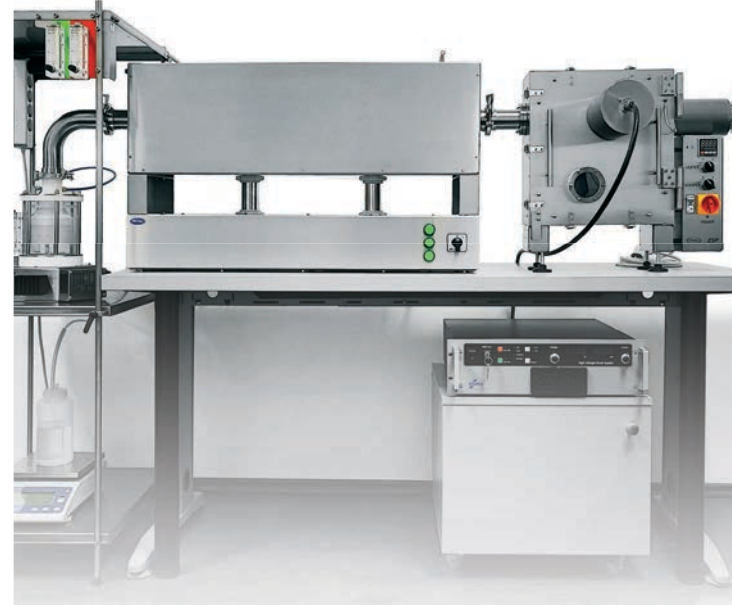
CONTENTS OF THE KIT:

PRI/MA 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



long tradition

INDUSTRIAL DEVICE



PRIZMA

R&D SCALE ULTRASONIC SPRAY PYROLYSIS 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.



DEVELOPED & MADE IN SERBIA

PRIZnano

CE



- **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.

PRIZMA ESP

CE



- Easy collection of nano powder

- Easy cleaning



Collected silver nano particles

Technical Data

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

CONTENTS OF THE KIT:

PRIZMA ESP filter and instruction manual.