



SINCE 1990

# health care

professional

medical  
& industrial  
electronics



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SERBIA





## OUR STORY

1990  
year that we were founded

Production Experience  
24 years

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



BREATHE CARE





MEDICAL DEVICE

## PROFESSIONAL ULTRASONIC NEBULIZERS

Prizma is producing the own line of professional ultrasonic nebulizers for medical facilities, that is 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

### PROFI SONIC

€ 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



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#### 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





MEDICAL DEVICE

## 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.

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 × 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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WELLNESS TO HEALTH







## MEDICAL & WELLNESS/SPA DEVICES

# DRY SALT AEROSOL GENERATORS

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

On the device's touch screen or via the Android/Windows 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/EC certificate for small salt rooms, salt cabins and tent
- PRIZSALT+** – medical device with EC certificate
- PRIZSALT+S** – wellness / SPA device with UL/EC certificate
- homeSALT** – home device with UL/EC certificate to be used also in salt room, tent, cabin or in outdoor spaces

## multiSALT+



- **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 × 218 × 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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## PRIZSALT+

CE 1304



- 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

UL CE



- 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.



## homeSALT



- **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 MPU60B-108 :  
100-240 V AC, 47-63 Hz, 1.6-0.7 A  
24 V DC, 2.6 A max
- Power consumption: 15 W
- El.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.



HIGH PRECISION



## MEDICAL DEVICE

# 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 .

## PRIZMA 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:  $\pm 3$  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:

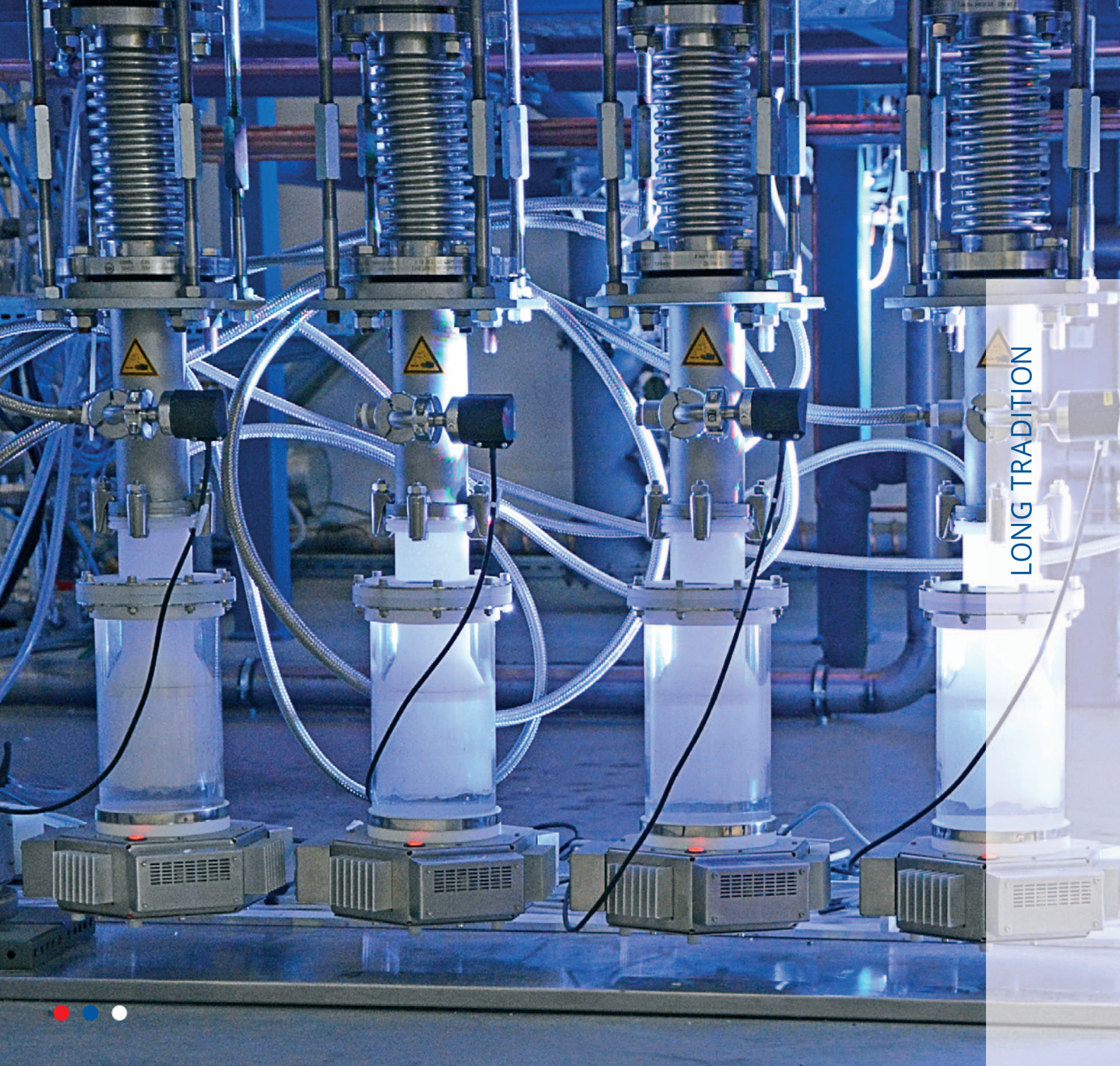
PRIZMA PA1 aneroid sphygmomanometer, bladderless cuff 27.5-36.5 cm, storage and carrying case pouch and instruction manual.  
Optional cuffs for arm circumferences of 9.0-14.8 cm, 13.8-21.5 cm, 20.5-28.5 cm, 27.5-36.5 cm and 35.5-46.0 cm are available on demand



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LONG TRADITION





INDUSTRIAL DEVICE

## ULTRASONIC ATOMIZER OF LARGE CAPACITY

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.

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



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### PRIZnano



- **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.