

natural touch



## CATALOGUE

medical &  
industrial electronics

[www.prizma.rs](http://www.prizma.rs)

## OUR STORY

1990  
year that we were founded

Production Experience  
21 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   
our products certificates

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



**MEDICAL DEVICE**

**CE 1304**

DEVELOPED & MADE IN SERBIA

**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.

## Technical Data

- Particle size: 0.5-4.0 microns
- Nebulization rate: 0.3-0.45 ml/min
- Capacity of medication cup: 3-6 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: 50 W
- 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.

**Setting of aerosol rate**  
with unique nebulizer kit

**Strong Compressor**

**For home &  
medical facilities**  
use





**MEDICAL DEVICE**

**CE 1304**

DEVELOPED & MADE IN SERBIA

## **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 or via the Android/Windows smart device, 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

**PROFISONIC S** – professional ultrasonic nebulizer with closed sterile water system

# PROFI SONIC

## 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
- Capacity of water tank: 300 ml
- Low drug residue: 1 ml
- 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 x 200 x 250 mm
- Weight: 1.8 kg

### CONTENTS OF THE KIT:

PROFI SONIC nebulizer, inhalation hose (75 cm), mouthpiece, 3 medication cups (one already installed), adult mask, child mask, bacterial filter, power cord and instruction manual.

Optional accessories available for different types of inhalation therapy.

**Touch screen & phone**  
for parameters setting

**Large number of**  
**patients**  
continuous inhalations

**In every position**  
nebulization



# PROFI SONIC H

## Technical Data

- Integrated aerosol heating system
- 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
- Capacity of water tank: 300 ml
- Low drug residue: 1 ml
- Ultrasonic frequency: 1.7 MHz
- Noise level: <35 dB (A)
- Operating voltage/frequency: 100-240 V AC, 50/60 Hz
- Power consumption: 75 W
- Dimensions: 260 x 200 x 250 mm
- Weight: 1.8 kg

### CONTENTS OF THE KIT:

PROFI SONIC H nebulizer, inhalation hose (75 cm), 3 medication cups (one already installed), bacterial filter, power cord and instruction manual.

Optional accessories available for different types of inhalation therapy.

## Heated nebulization

### Adjusting the heat level of nebulization

### Touch screen & phone for parameters setting



CE 1304

# PROFI SONIC S

## Technical Data

- Isapak® closed sterile water system
- Nebulization rate: 0.0-3.0 ml/min
- Air volume: max 20 l/min
- Particle size: 0.5-5.0 microns
- Capacity of sterile water bottle: 1000 ml
- Capacity of water tank: 300 ml
- 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 x 200 x 250 mm
- Weight: 1.8 kg
- Integrated aerosol heating system (\*optional)

### CONTENTS OF THE KIT:

PROFI SONIC S nebulizer, inhalation hose (100 cm),  
aeration hose (40 cm), 1 bacterial filter (already  
installed), Isapak® adapter, seal stopper and  
chamber, inhalation hose holder with bottle holder,  
power cord and instruction manual

Optional accessories available for different types of  
inhalation therapy .



**Sterile system Isapak®**  
closed sterile water system

**Heated nebulization\***

**All conventional drugs**  
nebulization



CE 1304

## OPTIONAL ACCESSORIES

PROFI SONIC

PROFI SONIC H



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: Hitrel

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



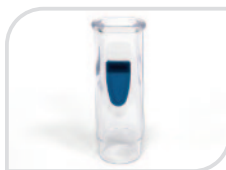
PROFI SONIC

Mouthpiece

Catalogue Code: PSMP

Material: PC

Single pack quantity: 5 pieces



PROFI SONIC

Child mask

Catalogue Code: PSCM

Material: PP, PE, PVC

Single pack quantity: 1 piece



PROFI SONIC

Adult mask

Catalogue Code: PSAM

Material: PP, PE, PVC

Single pack quantity: 1 piece





**MEDICAL & WELLNESS/SPA DEVICES**

CE 1304  CE

DEVELOPED & MADE IN SERBIA

## **DRY SALT AEROSOL GENERATOR**

Prizma is producing the own line of dry salt aerosol generators with CE 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/CE certificate for small salt rooms, salt cabins and tent
- PRIZSALT+** – medical device with CE certificate
- PRIZSALT +S** – wellness / SPA device with UL/CE certificate

# MULTISALT+

## Technical Data

- Touch screen operated
- Personalization of up to 9 programs:  
duration of inhalation and salt dosing
- Capacity of the salt container: max 40 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 222 x 403 mm
- Weight: 8 kg

### CONTENTS OF THE KIT:

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

## Wellness/SPA device

## Wireless management

Prizma Link app

## Up to 9 programs

personalization



# PRIZSALT+

## 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: 0-150 g/h (adjustable)
- Operating voltage/frequency:  
100-240 V AC, 50/60 Hz
- Power Consumption: 35 W
- Dimensions: 270 x 260 x 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.

## Medical device

## Wireless management

Prizma Link app

## Up to 9 programs

personalization



CE 1304

# PRIZSALT+S

## 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: 0-150 g/h (adjustable)
- Operating voltage/frequency:  
100-240 V AC, 50/60 Hz
- Power consumption: 35 W
- Dimensions: 270 x 260 x 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.

## Wellness/SPA device

## Wireless management

Prizma Link app

## Up to 9 programs

personalization



Android™ Windows® iOS





**MEDICAL DEVICE**

**CE 1304**

DEVELOPED & MADE IN SERBIA

## ANEROID SPHYGMOMANOMETER

Prizma is producing aneroid sphygmomanometer with CE 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 EEN 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 PRO

## 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 PRO aneroid sphygmomanometer, bladderless cuff 27,5-36,5 cm, storage and carrying case pouch and instruction manual.

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

**100% German mechanism**  
by HB-Feinmechanik

**180° rotary anti-slip bulb**  
for lefthand and righthand users

**Bladderless cuff**  
biocompatible (EN ISO 10993)





**MEDICAL DEVICE**

**CE 0120**

DEVELOPED & MADE IN SERBIA

## **AMBULATORY BLOOD PRESSURE MONITOR**

Innovative AMBULATORY BLOOD PRESSURE MONITOR with CE certificate enables monitoring of blood pressure and pulse measurement during 12/24 hours within specified/target time intervals. It also registers and saves body position during measurement and reports corresponding blood pressure results.

The key points are the compact design of the device without a tube and the possibility of parameter settings, measuring results monitoring via Android devices.

Results of measurements can be presented on a clinical report with graphical and tabular views of full statistics and classification of readings accompanied by corresponding body position during measurement and blood pressure trend graph.

# PRIZMA PABPM

## Technical Data

- Technology: Osilometric method
- Systolic blood pressure: 40-260 mmHg
- Diastolic blood pressure: 20-210 mmHg
- Pulse: 40-200 bpm
- Accuracy:  $\pm 3$  mmHg
- Battery: 1000 mAh Li battery, approx. 100 measurements
- Memory: up to 200 measurement results
- Dimensions: device  $119 \times 52 \times 21$  mm, cuff 26-36 cm
- Weight: 105 g (with battery)

### CONTENTS OF THE KIT:

PRIZMA PABPM ambulatory blood pressure monitor,  
M cuff (upper arm circumference 26-36 cm),  
USB cable, and instruction manual.

### Optional accessories:

S cuff (upper arm circumference 18-26 cm),  
L cuff (upper arm circumference 30-43 cm)

## Without tube

All in one

## On The Phone

Settings and results

## Clinical report

Statistics and graphics

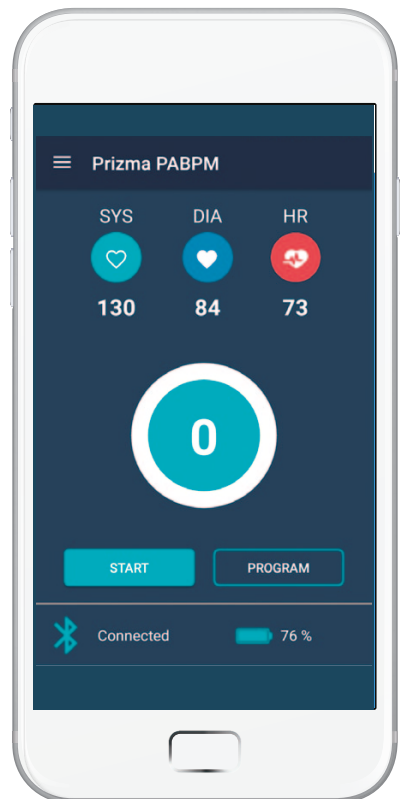


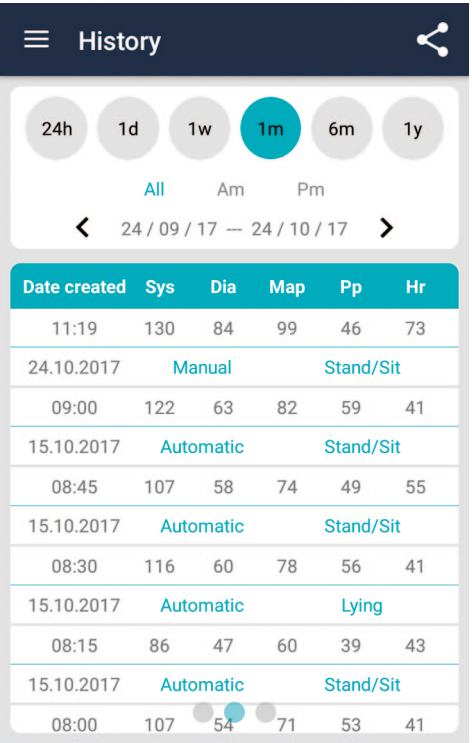
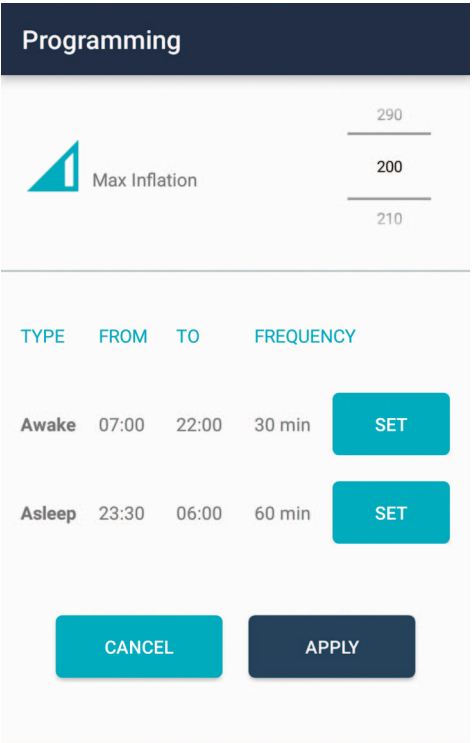
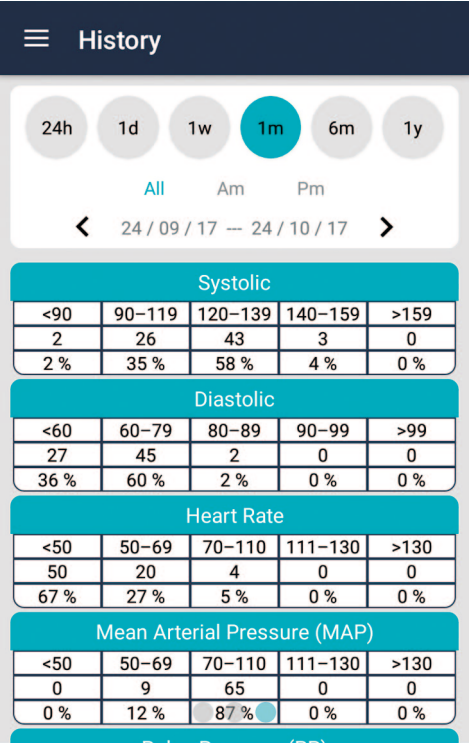
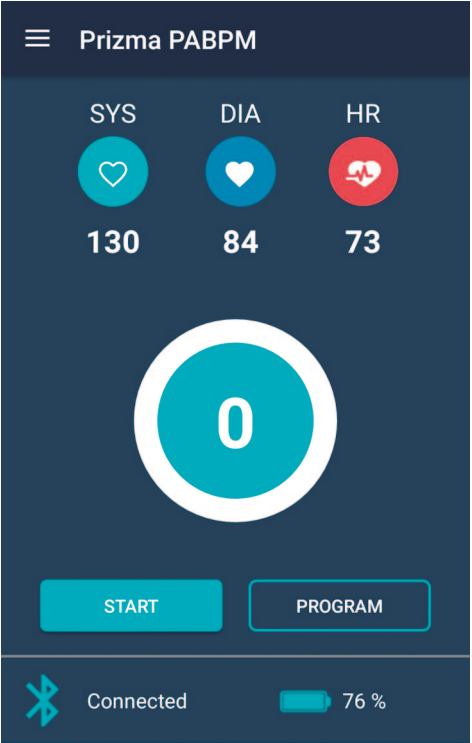
## PRIZMA PABPM

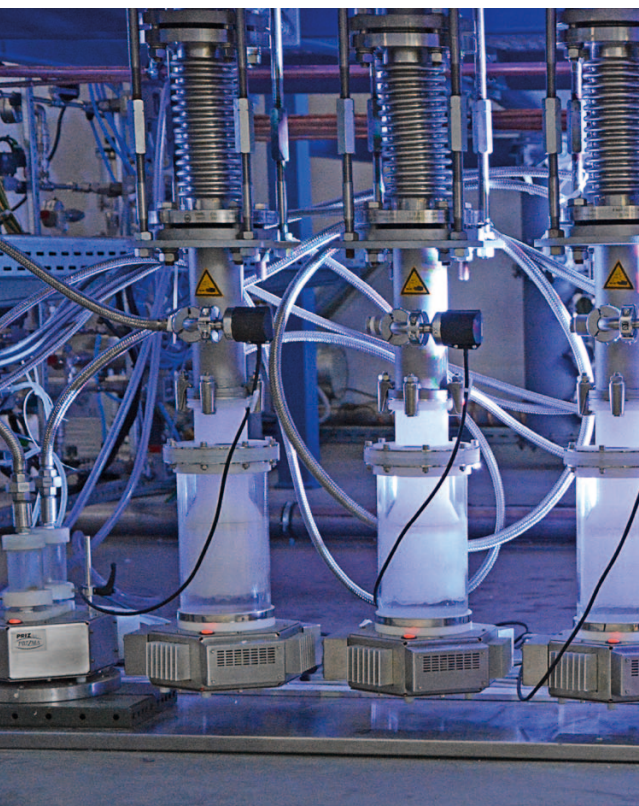
**more efficient  
more personalized  
and  
ultimately  
more human**

**healthcare technology**

- Day & night regime of blood pressure measurement at selected time intervals
- Selection of measurement time intervals: 15, 30, 45, 60, 90 or 120 minutes
- Position of the body during measurement: standing / sitting, lying, (slow motion, accelerated motion)
- Choice of measurement method: automatically or manually
  - Automatic measurement: daily & night measurement regime at the specified time intervals
  - Manual measurement: pressing the START button on the monitor or application, measurements of blood pressure at any time
- Statistics, classification and graphics of measurement results
- Graphic display of the blood pressure trend
- Unlimited number of registered users
- Unlimited memory
- Results of measurement on e-mail
- Clinical report







## INDUSTRIAL DEVICE



DEVELOPED & MADE IN SERBIA

## 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.

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

# PRIZnano

## 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: 300 x 300 x 450 mm
- Weight: 3 kg

### CONTENTS OF THE KIT:

PRIZnano atomizer and instruction manual.

**Pyrolysis Atomizer**  
our specialization

**Resistant to chemicals**  
the chamber

**RWTH aachen university**  
developed with





HOME DEVICE

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ORAL  
IRRIGATORS

PRIZMA Dental Jet Travel and Dental Jet oral irrigators removes bacteria deep between teeth and below the gumline where brushing and flossing can't reach.

It massages and stimulates gums to improve circulation and keep your gums strong and healthy.

**PURPOSE:** intended for family home use.



## DENTALJET TRAVEL

### Technical Data

- Power supply/frequency: 100-240 V AC, 50/60 Hz
- Power: 4-6 W
- Adapter output: 5.0 V / 1.0 A
- Rechargeable battery
- Using time: 15 day (three times a day)
- Working speeds: normal, soft, pulse, sinus
- Water pressure: 60-100 psi
- Pulse frequency: 1.800 pulses / minute
- Water tank capacity: 150 ml
- Dimensions: 55 x 55 x 160 mm

#### CONTENTS OF THE KIT:

Dental jet oral irrigator, classic jet tips (3 pcs.), dental pocket tip (1 pc.), nasal tip (1 pc.), usb charging cable and instruction manual.



## DENTALJET

### Technical Data

- Power supply/frequency: 100-240 V AC, 50/60 Hz
- Power: 18W
- Pressure settings: 10 levels
- Water pressure: 30-125 psi
- Pulse frequency: 1.250-1.700 pulses / minute
- Water tank capacity: 600 ml
- Dimensions: 140 x 125 x 200 mm

#### CONTENTS OF THE KIT:

Dental jet oral irrigator, classic jet tips (3 pcs.), tongue cleaner tip (1 pc.), dental pocket tip (1 pc.), orthodontic tip (1 pc), dental plaque tip (1 pc) and instruction manual.





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