



CATALOGUE

medical & industrial electronics

OUR STORY

1990
year that we were founded

Production Experience
23 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

ISO 9001:2015, EN ISO 13485:2016, 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.

PRIZJet

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.

Setting of aerosol rate
with unique nebulizer kit

Strong Compressor

**For home &
medical facilities**
use



CE 1304



MEDICAL DEVICES

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

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

Optional accessories are available.



CE 1304

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
- 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: 75 W
- Dimensions: 260 × 200 × 250 mm
- Weight: 1.8 kg

CONTENTS OF THE KIT:

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

Optional accessories are available.



CE 1304

Heated nebulization

Adjusting the heat level of nebulization

Touch screen & phone for parameters setting



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 GENERATORS

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 EC certificate
- PRIZSALT +S** – wellness / SPA device with UL/CE certificate
- homeSALT** – home device with UL/CE certificate to be used also in salt room, tent, cabin or in outdoor spaces

multiSALT+

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.

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: 0-500 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.

Medical device

Wireless management

Prizma Link app

Up to 9 programs personalization



Android™ Windows® iOS



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: 0-500 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.

Wellness/SPA device

Wireless management

Prizma Link app

Up to 9 programs personalization



Android™ Windows® iOS



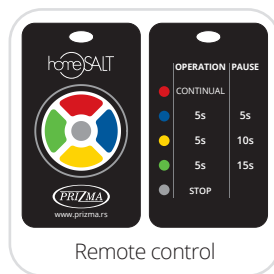
homeSALT

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.



New Approach In halotherapy

Home Device

For indoor and outdoor spaces

Remote control

4 Programs of operation





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 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

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, 27.5-36.5 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)



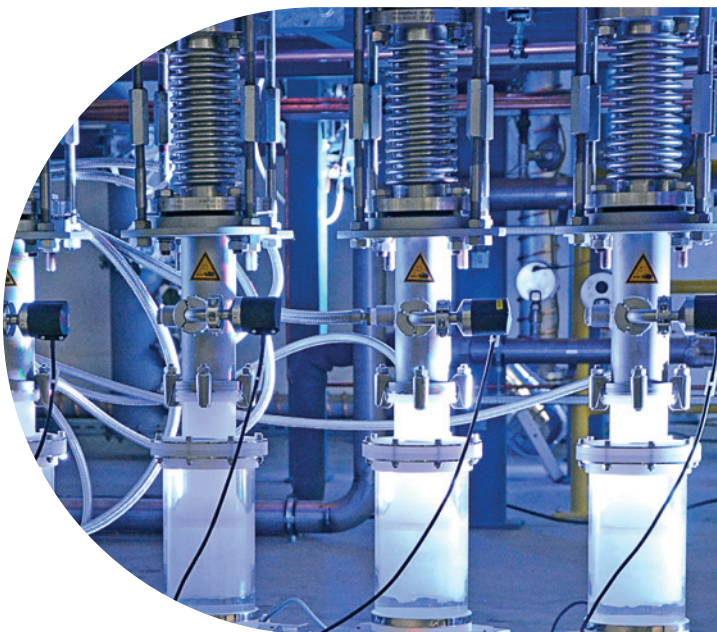
CE 1304



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.

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

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.

Pyrolysis Atomizer
our specialization

Resistant to chemicals
the chamber

RWTH Aachen university
developed with





HOME DEVICE



ORAL IRRIGATORS

PRIZMA DENTALjet Travel and DENTALjet 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.

It is 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
- Pump frequency: 1800 time/min (for all modes)
- Water pressure: 60-100 psi
- Water tank capacity: 150 ml
- Dimensions: 55 × 55 × 160 mm

CONTENTS OF THE KIT:

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



Technical Data

- Power supply/frequency: 100-240 V AC, 50/60 Hz
- Power: 18W
- Operating method: pulsation
- Pump frequency: 1250-1700 times/min
- Operating mode: flossing
- Pressure settings: 10 levels
- Water pressure: 30-125 psi
- Water tank capacity: 600 ml
- Dimensions: 140 × 125 × 200 mm

CONTENTS OF THE KIT:

DENTALJet 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.

DENTALJet





MEDICAL DEVICE

CE0123



PULSE OXIMETER

Pulse oxymetry is a non-invasive, painless method that enables rapid measurement of oxygen saturation in the blood and detects changes in the saturation. It helps in early detection of hypoxia.

Using pulse oximeter, oxygen levels in the blood can be monitored, indirectly through the finger and without blood extraction.

It is portable, battery-operated and suitable for use both in healthcare facilities or home blood-oxygen monitoring.

YM201

Technical Data

- Rapid measurement of blood oxygen saturation - SpO₂
Read SpO₂, pulse and perfusion index values in approximately 8 seconds
- SpO₂ monitoring - Immediate and continuous monitoring of SpO₂ is possible
- For children and adults - Intended for users older than 3 years
- Screen backlight - Allows easy reading of results
- Battery life: about 12 hours of continuous use
- Possibility to set SpO₂ and pulse limits for activating the visual alarm

CONTENT OF THE KIT:

Pulse oximeter YM201, carrying strap, two 1.5 V batteries and instruction manual.

Rapid Measurement
of blood oxygen saturation

Enables Early Detection of Hypoxia

For children and adults
Intended for users older than 3 years





MEDICAL DEVICES

CE0197



DIGITAL THERMOMETERS

PRIZMA infrared thermometer and digital thermometer with flexible tip provide an accurate and precise measurement of human body temperature.

It is intended for temperature measurement in health care facilities and for family home use.

PG-IRT1603

Technical Data

- Contactless infrared thermometer
- Fast measurement - In just 1 second
- 3 types of measurements
- Measurement of body temperature on the forehead, in the ear and the temperature of the object (baby bottle, etc.)
- 3 screen colors
Normal temperature (green), elevated (orange) or high (red)
- Sound signal - Indicates the end of the measurement
- Elevated temperature alarm - 10 short beeps (if the measured temperature is higher than 37.2 °C)
- Memory: 9 measurement results
- Battery powered - Two 1.5 V alkaline batteries complete with thermometer

CONTENT OF THE KIT:

Infrared thermometer for forehead and ear,
two 1.5 V AAA batteries and instruction manual.

Fast

Measures temperature in 1 second

Accurate and Precise

2 Body Temperature Measurement Options

Contactless on the forehead and in the ear



DMT-4333

Technical Data

- Flexible measuring tip for oral, rectal and axillary temperature measurement
- Elevated temperature alarm: alerting if the measured temperature is $\leq 37.8^{\circ}\text{C}$
- Water resistant: The thermometer can be disinfected
- Memory: last measurement result

CONTENT OF THE KIT:

Digital thermometer with flexible tip DMT-4333, installed 1.5 V battery, thermometer storage box and instruction manual.

Gentle and Adaptable

Thermometer with flexible tip

Reliable and Accurate

Measurement of body temperature

Safe

temperature measurement





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