



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

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



DEVELOPED & MADE IN SERBIA



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.



DEVELOPED & MADE IN SERBIA



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: ± 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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COMMITTED TO QUALITY



HOME DEVICE

ORAL HYGIENE

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.

PRIZMA SUPERSONIC Electric toothbrush is made in accordance with the latest sonic technology, with as many as 39,000 vibrations per minute and four operating modes, maintains oral hygiene at the highest level, whitens teeth and stimulates circulation in the gums with a gentle massage.

It is intended for family home use.

DENTALjet



- **All Oral care needs 7 different tips**
- **Pressure settings 10 levels**
- **Convenient use ON & OFF button on handle**

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 Travel



- **Cordless and foldable**
easy to carry and use
- **Multiple modes**
for all dental care needs
- **Long-lasting rechargeable battery**
full battery provides 15 days of use

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 days (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, carrying case and instruction manual.

SUPERSONIC TOOTHBRUSH



- **Sonic vibrations**
dynamic cleaning
- **Four modes of operation**
cleaning, whitening, massage and gum care
- **USB charging**
simple and convenient

Technical Data

- Power supply: DC 3,7 V (USB charged battery)
- Noise: 60 dB
- Operating method: sonic vibrations
- Sonic vibrations: 26000 – 39000 per minute
- Material: ABS/Silicone
- Fibers: DuPont - with wear indicator
- Working temperature: 0 – 50 °C
- Waterproof: IPX7
- Dimensions: 249 × 31 mm

CONTENTS OF THE KIT:

SUPERSONIC toothbrush, 2 attachments with a toothbrush (medium fiber), USB cable, instruction manual.



PROFESSIONAL SUPPORT

PG-IRT1603 infrared thermometer

CE 0197



- **Fast**
measures temperature in 1 second
- **Accurate and precise**
- **2 body temperature measurement options**
contactless on the forehead and in the ear

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

CONTENTS OF THE KIT:

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

DMT-4333 digital thermometer

CE 0197



- **Gentle and adaptable**
Thermometer with flexible tip
- **Reliable and accurate**
Measurement of body temperature
- **Safe**
temperature measurement

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

CONTENTS OF THE KIT:

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

YM201 pulse oximeter

CE 0123



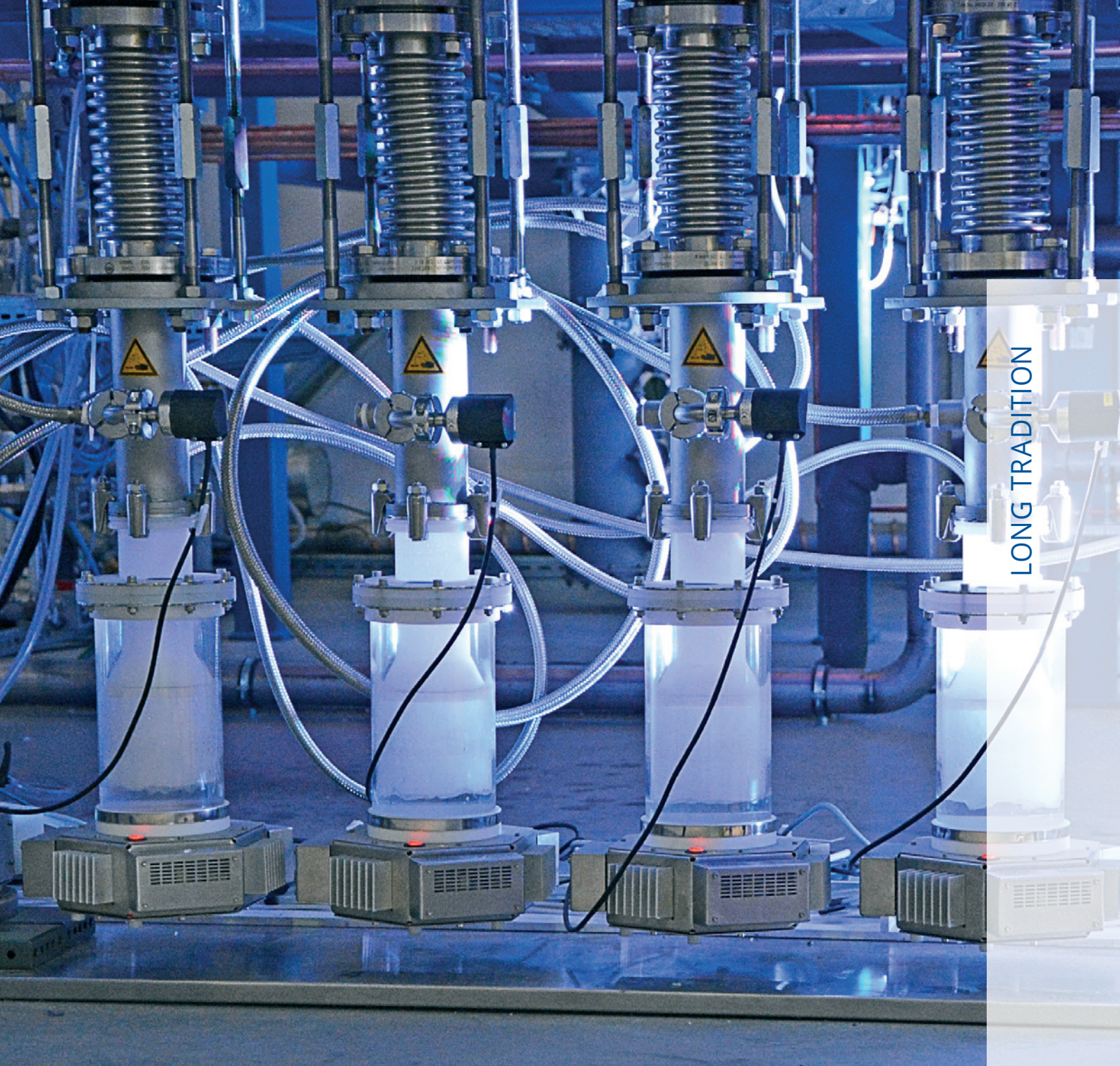
- **Rapid measurement**
of blood oxygen saturation
- **Enables early detection of hypoxia**
- **For children and adults**
intended for users older than 3 years

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

CONTENTS OF THE KIT:

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



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.



DEVELOPED & MADE IN SERBIA

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.