

# Inhaler for aerosol therapy **SC 9420**



**CE 0197**

**GB** Operating Instructions

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## 1. Purpose

The Nebulizer Model SC 9420 is a medical product for temporary application by atomization exclusively of drugs prescribed by a doctor and the nebulization of suitable liquid drugs. In combination with the intended accessories, the nebulizer is used for treatment, by inhalation, of diseases of the upper, middle and lower respiratory tracts as well as asthma and allergies, predominantly at home.

## 2. Safety instructions



Read these operating instructions of the inhaler and the dedicated accessories carefully before you use the product.

- To avoid electric shock protect the nebulizer and the cable from the entry of water and moisture.
- Do not use the inhaler in wet atmosphere or in a bath tub or shower.
- Do not immerse the inhaler in water or cleaner when you clean it.
- Do not use the inhaler while you are sleeping and disconnect it from the mains supply when you do not use it.
- To avoid fire, do not cover the air inlets (slots in the housing).
- Disconnect the inhaler from the power supply during cleaning and disinfection or while you are filling the atomizer.
- Use the inhaler only with the accessories provided in the sales package.

- Do not use the device / accessories in combination with flammable gases, gas mixtures (e.g., anesthetic gas mixtures, oxygen / oxygen mixtures or aerosol sprays).
- Do not use the device with the accessories for lung ventilation or anesthesia.
- Do not store or use the device when it is exposed to direct sunlight, high temperature or high atmospheric moisture.
- Keep the device and the accessories out of reach of children under the age of 6.
- The device and the accessories are not intended for unsupervised self-use by children or handicapped persons.
- To prevent micro bacterial contamination, make sure that the dedicated accessories are always used by the same person and that it is cleaned and disinfected after every use (see chapter Cleaning and disinfection).
- Before using the device, make sure that the device voltage on the nameplate is the same as the local main voltage.

### 3. Delivery package

- Device (compressor) SC 9420
- 5 air filters
- Accessories
- Instruction manual

#### Accessories:

- Air hose
- Mouthpiece
- Children face mask
- Adult face mask
- Atomizer
  - Atomizer cover
  - Atomizer body
  - Nozzle

### 4. First use, operation

- Before you use the inhaler for the first time, check it to make sure that the nebulizer and the dedicated accessory parts are intact and not damaged. Do not use the inhaler or accessories when they are defective and you or others might suffer an injury.
- Read and observe the safety instructions (chapter 2) before you use the inhaler for the first time.
- Place the inhaler on a firm, level surface so that all controls are within reach for you.
- Clean and disinfect the atomizer and the dedicated accessories before every use as described in chapter 8. Preparation.

#### Prepare the atomizer for the inhalation treatment:

Open the atomizer by turning the cover anticlockwise, take the nozzle from the body and fill the drug which the doctor has prescribed to you. The max. filling volume of the atomizer is 7 ml.

**Please note that the atomizer is not completely emptied. For technical reasons, a medication residue (approx. 0.7 ml) remains in the nebulizer. Please dispose of this remainder.**

Connect the inhaler to mains power by plugging in the mains lead.

Connect the atomizer to the device by the air hose. Insert one end of the hose in the atomizer body; connect the other end to the hose socket of the device.

Choose the facepiece or adapter with mouth nozzle you want to use.

Switch on the device at the On / Off switch.

Switch off the device and pull the mains cord at the end of the session.

You can test the function of the atomizer before the first use as follows:  
Fill 2 ml hand warm wather in the atomizer. Switch on the device and fine mist should emerge from the atomizer. If this is the case, the atomizer works properly.

## 5. Product description

**The device**  
(compressor)



## The Atomizer



**Atomizer cover**

**Nozzle**

**Atomizer body**

## **6. Correct use of the inhaler**

When you are familiar with the use of the inhaler you can start the first session.

Caution: The atomizer works only when you hold it vertically. This means sitting is the best posture for inhalation. A person lying cannot use the nebulizer. Breathe regularly during inhalation. Inhaling should be comfortable for you. Otherwise, please consult your doctor.

One session should not last longer than 20 minutes. The atomizer should be replaced latest after 100 sessions.



## **7. Combination and interaction with other products**

- Do not use drugs which are not prescribed by a doctor and do not use oil, powder or solid drugs.
- Use the device only together with the dedicated accessories in the sales package and the atomizer as described in these user instructions. Make sure that the accessories are always used by the same person and not for longer than the life of these parts.

## 8. Cleaning and disinfection

- Disconnect the device from the power supply and remove connected accessories before cleaning or disinfection.

### The device (compressor)

Do not immerse the device in water for cleaning.

Use a moist cloth and a mild non-abrasive and solvent-free cleaner for cleaning.

### The accessories

Wash parts in contact with the drug under running warm water with a suitable detergent (do not clean in the dish-washer).

If parts have to be disinfected, use an agent that does not attack plastic. Get advice on this from a pharmacy or a drugstore.

The recommended disinfectant of the device for health institutions is Mucocit®-F2000 or Helipur®Hplus. Both are effective against hospitalism germs and are available from any pharmacy.

If amounts of the drug remain in the air hose, e.g., when you have filled more than the maximum volume, disconnect the air hose from the device and the nebulizer and flush it with warm tap water and a commercial detergent. Allow the moisture to drain from the hose after flushing.



Make sure that no moisture enters the device.

Then connect the hose with the remaining moisture to the device, switch on the device and run it until the air has dried the hose inside

### The Atomizer

Wash the atomizer under warm running tap water with dish soap (not in the dishwasher).

The atomizer should be changed after a maximum of 100 uses for mechanical and hygienic reasons.















### 9. Source of supplies for accessories

The accessories (air hose, mouthpiece, children face mask, adult face mask, atomizer and air filter) are available from:


SCALA Electronic GmbH  
Ruhlsdorfer Straße 95  
14532 Stahnsdorf

Tel. 03329/604524  
Fax. 03329/604523  
vertrieb@scala-electronic.com  
www.scala-electronic.de

### 10. Explanation of symbols

	<b>Manufacturer</b>		<b>Protection class II device</b>
	<b>CE number of Notified Body</b>		<b>No protection from water</b>
	<b>Authorized representative in the EU</b>		<b>Follow operation instructions</b>
	<b>Type BF applied part</b>		<b>Production period month/year</b>
	<b>Disposal notes</b>		<b>Warning notice</b>
	<b>Authorisation and restriction of chemicals (REACH) is an EU regulation</b>		<b>Restriction of hazardous substances</b>
	<b>Mains switch ON</b>		<b>Mains switch OFF</b>

### 11. Disposal

 Defective devices or devices at the end of their life can be an environment risk due to the materials they contain. Please dispose of the device properly at a collection center for disused electrical products. Accessories not used any more can be disposed of as normal household waste.

## 12. Technical Specifications

### Device (compressor)

Dimensions (W x H x D):	262x176x105 mm
Weight:	1.8 kg
Mains voltage:	230 VAC / 50 Hz
Power consumption:	< 175 VA
Protection class:	II
Protection type:	IP X0
Max. operating pressure:	210-250 kPa
Working pressure with atomizer:	50-100 kPa
Max. noise level:	65 dB(A)
Ambient conditions	Temperature (operation): 10°C - 40°C Temperature (storage): -10°C - 50°C Rel. humidity: 10% - 95 %

### Atomizer

Particle size:	0,5 - 5µm (80% of the particle)
MMAD:	4 µm
Max. filling volume:	6 ml
Min. filling volume:	1.5 ml
Atomizer output:	> 0,2 ml/min
Life time:	max. 100 sessions or max. 6 months

\*\*\* Specifications may change as technical improvements take place \*\*\*

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## 13. Warranty

If despite regular quality controls in production the inhaler should develop a defect within the statutory warranty period of two years, we will repair the defective device free. The warranty does not cover defects due to improper handling, accident, non-compliance with the use instructions or modifications to the device by a third party. The warranty is voided when the device is opened or modifications made which are not authorized by the manufacturer.

## 14. Manufacturer / Importer



K-jump Health Co., Ltd.,  
No.56, Wu Kung 5th Rd.  
New Taipei Industrial Park,  
New Taipei City, 24890 Taiwan

### **Importer**

SCALA Electronic GmbH  
Ruhlsdorfer Str. 95  
14532 Stahnsdorf, Germany



Polygreen Germany GmbH  
Ruhlsdorfer Str. 95  
14532 Stahnsdorf, Germany

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