

After the end of the guarantee period you will retain the option, to send the defective product back to the service center for repair. After the end of the guarantee period any repairs made will be at your own expense.

Error description:

.....

.....

Customer name:

Postal code/ location:

Road:

Tel.No/ email:

scala[®]
Aerosol Therapy Nebuliser
SC 145



Instructions for use

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Warranty card

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Guarantee card (please include details of your complaint)

Specification: - Inhalation device SC 145

The warranty period is 2 years and begins on the day of purchase i.e. the day goods transfer. For the assertion of warranty claims you will need to provide your receipt, as well as a completed guarantee card. We advise that you keep these in a safe place.

The manufacturer guarantees the free correction of defects caused by faulty materials or bad workmanship. They reserve the right to offer repair, exchange or reimbursement. The warranty does not apply in the case of accidental damage caused by an unforeseen event (e.g. lightning, water, fire etc.), improper use or transport, disregard for the safety and maintenance instructions or in the case of damage caused by improper adjustment or repair. The statutory warranty obligation of the transferor is not limited by this warranty. The warranty can only be extended if required by a legal norm. In countries in which a (mandatory) guarantee and/ or a spare parts inventory and/ or a compensation system are legally required, the minimum legally mandated conditions apply.

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Components and accessories:

Nebuliser, mouth piece, nose piece - PP (polypropylene)
Masks and hose - PVC (polyvinyl chloride)



Disposal information

After the end of its useful life, this product should be appropriately disposed of via a local collection point for electrical appliances. If this product is illegally disposed of, sanctions according to the directive 2002/96/EC of the transposition laws of the member state wherein the product was disposed, may be imposed.



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Via Colli Storici, 221
S. Martino della Battaglia
Brescia (Italy)

Importer: SCALA Electronic GmbH
Ruhlsdorfer Straße 95
D-14532 Stahnsdorf
Germany

Service address:

Sensorelectronics Stahnsdorf GmbH
Ruhlsdorfer Str. 95
D-14532 Stahnsdorf, Tel. 03329/604314

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Purpose:

Ñ The nebulizer system SC 145, consisting of the compressor and the nebuliser RF 5 Plus is an effective aerosol therapy system for diseases of the upper and lower respiratory tract.

Ñ The appliance is not suitable for pure oils, powdered or solid medicines!

- Oily medicines should be mixed in the ratio 1:1 with a physiological solution designed for inhalation (available in pharmacies).
- You should always consult you doctor or pharmacist about the correct liquid medicines to use.

Safety information:

Ñ Before the initial use, be sure that you read the instructions through carefully.

- This product is designed only for the nebulisation of liquid pharmaceuticals (aerosol therapy). Any other use is considered dangerous and illegal. This product should not be used in connection with any narcotic substances or solutions, which are flammable in air / oxygen or laughing gas.
- Clean the accessories before the initial use. Clean the accessories after each use.
- Check for damage to the nebuliser and the accessories before each use.
- Protect your device and its accessories against high heat.
- Do not use this device in damp rooms, i.e. in the bathroom after a shower etc.









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- Do not immerse the appliance in water or any other cleaning product. This device is not protected against liquid infiltration.
- Do not use the device while you sleep.
- Children and disabled people should use this device under supervision.
- Use this device according to instructions from your doctor.
- Use only medicine prescribed by your doctor or recommended by your pharmacist for aerosol therapy.

- Before each use, make sure that the power cord is not damaged. A device with a damaged mains cable should be taken out of operation immediately and sent back to the customer service for maintenance.
 - Never use a power supply that does not match with the information on the bottom of the device (label). Always unplug the device after use.
 - Never block the air inlets on the side of the device. They serve the ventilation and cooling of the motor.
 - Do not exceed the maximum capacity of the nebuliser (8 ml / 8 cm³).
- Ñ **Micro-bacterial contamination:** : As 100% disinfection in domestic use is often not possible, it is strongly recommended that each user have their own personal accessories and use only these. A corresponding re-order card is included with each device.

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Via medicinal products certified and classified as a Medical product of the class IIa. The inhaler SC 145 complies with the EU safety standards EN 60601-1:1990 + A1:1993 + A2:1995 + A13:1996, EN 60601-1-2:1993, EN 60601-1-2:2001 and ergonomic standards, required of a medical electrical appliance. Furthermore, the EU-Standard EN 13544-1:2007 (Respiratory therapy equipment - part 1: Nebuliser systems and their components) is met. The manufacturer's quality assurance system is certified according to EN ISO 9001:2000 and ISO 13485:2003.

Symbols used:

-  Never use the appliance in the bath or shower!
-  Device type B, see user manual
- 
-  Class II equipment, No latex
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-  Switch off, Indicates that the device meets all relevant standards
-  Switch on,
-  Alternating current

Technical Data:

Voltage:	230 V, ~) Hz
Power consumption:	130 VA
Fuse:	T 2.5 A - 250 V
Max. operating pressure (idle):	approx. 150 kPa
Operating pressure with nebuliser:	About 65 kPa
Air outlet:	approx. 9 l/min.
Noise level (in 1 m):	approx. 57 dB (A)
Operating conditions:	10 °C to 40 °C, 10% to 95% RH
Storage conditions:	-25 °C to 70 °C, 10% to 95% RH

Operating/ storage air pressure: 690 hPa to 1060 hPa P

Nebuliser

Min/ max capacity: 2 ml/ 8 ml

Max nebulisation power * : approx. 0.30 ml/min

MMAD (EN 13544-1): 2.6 µm

Respirable fraction <5 µm * ** : 99%

* These are average values and are based on a 0.9 % physiological solution.

** Certified with computerized TSI Aerosizer 3220 laser system.

Subject to changes in light of technical progress.

Standard reference:

The product has been approved according to the council directive 93/42/EEC of 14. June 1993

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• **Interactions:** The components which will come into contact with medicines have been tested with a wide range of pharmaceuticals. However, in view of the large number of medicines on the market and their constant advancement, it is not possible to eliminate the possibility of interaction. We recommend that you use up open medicines as soon as possible, and that you do not store any medicines in the nebuliser.

Device description:

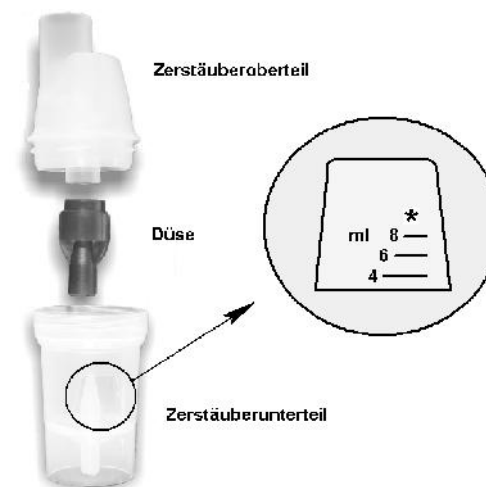


Included in the delivery:

The delivery includes: Nebuliser SC 145, sprayer, mouth piece, nose piece, mask for children, mask for adults, hose, air filter and power cord.

The Sprayer:

The sprayer is made up of three components: The sprayer lower part, the nozzle and the sprayer upper part.



* The scaling is only an approximation, and is not suitable for determining correct drug dosage

Setting up the device:

Before each use, the nebuliser and accessories should be cleaned in accordance with instructions in "Cleaning and disinfection".

1. Open the sprayer by turning the upper part anti-clockwise, and enter the prescribed medicine into the sprayer lower part.

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Drying: Place all disinfected components on a tea towel or paper towel and let them dry for at least 4 hours.

After a 6 month period of use, the sprayer should be changed for mechanical and hygienic reasons. You can order a new one via the customer service center.

Storage of the sprayer and other accessories

Between regular uses, these parts should be wrapped in a dry cloth and kept in a dust-free location.

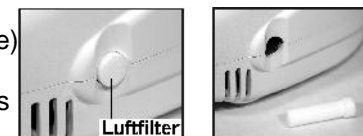
For a longer storage period, protect it with a dry cloth together with the compressor included in the retail box.

Cleaning of the compressor: Turn the compressor off and unplug it from the wall before you start cleaning. The device must never be submerged in water for cleaning. Use a damp cloth to clean the housing unit.

Never use thinner, alcohol or flammable chemicals for cleaning!

Changing the air filter:

Change the air filter (on the right side of the device) as soon as it is dirty or is no longer white. You can order more air filters via customer services.



Cleaning, disinfection and drying of all accessories:

Cleaning: Disconnect the sprayer and the other accessories such as mask, mouth and nose pieces from the hose.

Open the sprayer by turning the upper part and separate it into its components (upper part, nozzle, lower part). Clean all sprayer and accessories under warm running water at at least 40 °C using commercially available detergents. The cleaning process should be done thoroughly and should take 5 minutes. Then rinse all cleaned parts thoroughly in 40 °C warm running water. Shake to remove drips. Alternatively, you can clean the disassembled sprayer and the other components in the dishwasher.

In this case, place the components in the dishwasher's cutlery basket and clean in a separate short cycle on at least a 50 °C program (note: Do not wash components together with dirty dishes).

Disinfection: Disinfect the disassembled sprayer and other components directly after cleaning (**excluding the masks!**) in boiling water. Demineralised or distilled water is preferable for this purpose. Let the water boil in a sufficiently large pot for about 15 minutes. Use sufficient water, to prevent the accessories from burning to the bottom of the pot.

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WARNING: *The maximum capacity is 8ml (8cm³), the minimum capacity is 2ml (2cm³). A corresponding scale is printed on the sprayer lower part (see page 6). This is only intended as an approximation, and is not suitable for measuring dosages.*

Finally replace the sprayer upper part and screw it in anti-clockwise. The sprayer is now closed.

2. Plug the device in.
3. Connect the sprayer to the device using the hose.
(Insert one end of the hose into the lower part of the sprayer, and the other end into the hose connector on the device).
4. Select the attachment for the Sprayer (mask, mouth piece or nose piece).

5. Use the on/ off switch to activate the device.

6. After use, turn the device off and unplug it from the mains.

If condensation gathers in the hose, or if a small amount of the drug accidentally feeds into it, you should stop the treatment, remove the sprayer and the hose and wash them under warm running water with commercial washing-up liquid. Dry the hose, by connecting it to the hose connection on the device and allowing air to flow through.

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Correct use of the device:

Once you are familiar with the device and how it works, you can begin to inhale. Caution: The sprayer only works if it is held vertically. This means that the best position for inhaling is sitting down. Inhaling whilst lying down is not possible. Breathe evenly while inhaling. Inhaling should feel comfortable. Consult your doctor if this is not the case.

The application time should not exceed 10-12 minutes.

Which diseases can be treated with inhalation?

Respiratory diseases do not occur only in adulthood, but increasingly also in childhood. Inhalation devices are designed not only for chronic conditions such as asthma, bronchitis or allergies, but can also be used to treat smokers cough and the effects of occupational exposure to polluted air. Inhalation may ease tickly coughs,

and open up the nasal passages during a cold, enabling easy breathing . Inhalation can also have a soothing, emollient effect on pollen and dust allergies.

Correct inhalation?

The success of inhalation depends on the selection of the correct medicine. These can only be prescribed by your doctor. Only your doctor can

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set the correct dosage and duration of treatment. In the case of non-prescription drugs, your pharmacist will be able to advise you.

Important factors in inhalation?

- Take your time.
- Assume a relaxed, upright sitting position.
- Breathe the inhalant in deeply and evenly through your nose or mouth.
- Hold it for 2 or 3 seconds.
- Then calmly and evenly exhale.
- Repeat this process until the medication is consumed (no more vapour is generated) or the recommended duration of treatment is reached (10 - 12 minutes).

These breathing techniques should be practiced

Benefits of inhalation therapy:

With nebuliser SC 145 liquid medicines can be finely atomised. It creates a fine mist with droplet sizes between 1 and 5 µm. Droplets of this size can penetrate the

upper and lower airways, so the active ingredients reach their destination. This makes aerosol therapy effective and efficient. Low active ingredients, local application and good compatibility are only some of the many benefits of inhalation therapy.

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