SycoTec aer x
Aerosol suction system

Instructions for Use

EN

℞ Only

SycoTec
www.sycotec.eu

Aerosol suction system aer x
REF 2.003.1990

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All the technical data, information and properties of the product described in these instructions for use were correct at the time of printing.

The product may be modified or improved as a result of technical developments.
This does not give entitlement to have already existing products upgraded.

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Contents

1 User information

Before using this product for the first time, please read the user manuals for the **aerosol suction** and **headphones** carefully and keep them in a safe place for future reference.

Dear user,
We hope that you will enjoy using this high-quality product. Please observe the following instructions to ensure that you can work safely and without encountering any problems.

The aerosol suction has the following features:

- Flexible and compact, making it easy to use
- Hygienic, sterilizable components that can be thermally disinfected
- Biocompatible suction cannulas
- The information on the headphones is provided separately alongside this user manual.

1.1 Target group of the document

This document is intended for:

- Dentists
- Specialist practice staff (dental assistants, medical device reprocessing specialists)

Chapter 4 Commissioning is primarily intended for:

- Dental professionals

1.2 Applied symbols

In the instructions for use / on the product / on the packaging

	Important information	HIBC	Health industry bar code	SN	Serial number
CE	CE label	UDI	Unique device identification	REF	Reference number
	Manufacturer and manufacturing date		Atmospheric pressure limitation	Rx Only	USA: Professional use only
	Handle with care		Humidity limitation		Wear protective gloves
	Keep dry		Temperature limitation		Wear eye protection
	Stacking limitation	135°C	Steam sterilizable up to 135°C (275°F)		Wear a mask
	Disposal information		Thermally disinfectable up to 95°C (203°F)		Wear protective clothing
1	Packaging unit		Refer to the instructions for use		

2 Safety

It is the duty of the user to:

- Only use the product as intended
- Not misuse the product in any way
- Only use products that are free from defects and that are in full working order
- Protect themselves, their patients and third parties from danger
- Take suitable protective measures, especially to avoid cross-contamination

The following provisions and instructions must always be followed when using the aerosol suction:

- The applicable occupational health and safety regulations
- The applicable accident prevention measures
- These instructions for use
- Only qualified users are permitted to use the system

The manufacturer does not accept any liability for damage or harm caused to the product, users, patients or third parties as a result of:

- Failure to observe the operating, repair, installation and/or assembly instructions
- The use of incorrect information
- Misuse or improper use
- Repairs by unauthorized persons
- Changes or manipulations to the product

2.1 Reporting obligation

Users and/or patients must report any serious incidents that arise in relation to the product to the manufacturer and the competent authorities in the country in which the user and/or patient is resident.

2.2 Warning signs

Structure of warning sign

HAZARD SYMBOL Nature or source of hazard

Description of the nature or source of hazard and its possible consequences.

- Measures to avoid the hazard

Risk levels

⚠WARNING Warning

Indicates a hazardous situation that could lead to serious or fatal injuries.

⚠CAUTION Caution

Indicates a hazardous situation that could lead to minor or moderate injuries.

ATTENTION Attention

Indicates a hazardous situation that could lead to property damage.

2.3 Risk of infection

⚠WARNING Risk of infection

If the aerosol mist in or in front of the patient's oral cavity is not properly removed, this may lead to bacterial transmission and cross-contamination in the treatment room. There is a risk that patients, users or third parties may be infected.

- Take appropriate personal protection measures.
- Observe the reprocessing requirements in these instructions for use.
- Reprocessing may only be conducted by trained or qualified personnel.
- The suction cannulas and cannula holder must be thermally disinfected and/or sterilized in autoclaves at a temperature of up to 135°C each time a patient is treated.
- Clean and disinfect the suction hoses and aerosol suction in accordance with the hygiene and reprocessing measures specified by the treatment device/suction system manufacturer.

This aerosol suction does not replace the usual protective equipment of the practice staff.

2.4 Magnetic fields

⚠WARNING Magnetic fields

Magnetic fields are created when operating the headphones with the magnetic fasteners. This may impact the functioning of implants like pacemakers.

- Before starting treatment, ask patients if they have any implants and inform them of the potential risks.
- Do not place or put down the headphones or cannula adapter on the patient.

2.5 Risk of burns

⚠CAUTION Overheating

The headphone earpieces may heat up when using electrically operated scale removal devices. There is a risk of overheating and a potential risk of burns. Also pay attention to the headphone batteries during charging. These may also heat up.

- Stop the electric scale removal device if you notice unexpected overheating.
- Before each treatment, check that the headphones are in a perfect technical condition and inspect them for any signs of damage.
- Only use properly functioning electrically operated scale removal devices with the headphones.

2.6 Technical condition

⚠CAUTION Technical condition

If the aerosol suction is not in a perfect technical condition, e.g. if it has uneven surfaces or if there is damage to the hose adapter, this may cause harm to patients and third parties.

- Before each treatment, check that the aerosol suction is in a perfect technical condition and inspect it for any signs of damage or wear and tear.
- Observe the care and maintenance requirements and the service plan.
- Make sure that the headphones are positioned correctly on the patient's head to avoid pinching their skin or trapping their hair.

3 Product description

3.1 Scope of supply

Fully assembled headphones	
Cannula holder (right)	
Cannula holder (left)	
Suction cannulas (5 pieces)	
Reducing adapter to 11 mm	
Fixing strap	
Disposable protective covers (100 pieces)	
Headphone holder	
USB-C charging cable	
Instructions for use	

Recommended classification when the product is used as intended:
- Class I medical device
- Non-critical medical device (a medical device that only comes into contact with intact skin.)

The suction cannulas and cannula holders form a sterilizable aerosol suction that can be thermally disinfected. The headphones cannot be thermally disinfected or sterilized.
The aerosol suction is connected to an existing spray mist hose on a treatment unit and activated. This reduces aerosol transmission in the treatment room and decreases the risk of aerosol mist being transferred to or infecting the practice staff.

3.2 Intended purpose

Intended use

Patients receive preventative dental care involving the regular removal of plaque and tartar. Aerosols are produced by the spray cooling used by turbines, handpieces, contra-angle pieces and prophylaxis instruments. These cooling media generate aerosol clouds inside and outside of the patient's mouth. These aerosol clouds cannot be fully removed by the saliva ejector tube or the spray mist suction cannula.

This product provides extraoral aerosol suction that removes the contaminated aerosol mist (germs and bacteria) generated during the preventative work from directly in front of the patient's mouth.

The product is intended to be used in the area in front of the patient's oral cavity during the following types of work:

- Dental prophylaxis
- Restoration work
- Endodontics
- Orthodontics

When using the product for restoration work and endodontics, an additional spray mist suction unit can be operated in parallel using an additional device-specific kit.
In the practice, the system can be used on the patient for 60 minutes per treatment with breaks. This corresponds to the typical way of performing dentistry work.

This aerosol suction does not replace the usual protective equipment of the practice staff.

Contraindications/side effects

- Cannot be used on patients with pacemakers or implants that are sensitive to magnets (due to the magnet on the headphones and adapter)
- Patients with hearing aids
- Patients with skull deformities
- Treatments for children (who cannot follow the instructions given by the practice staff)
- Treatments for people with disabilities (who cannot follow the instructions given by the practice staff)

Not intended to be used for the following

- Unsuitable for implantology and surgery!
- Unsuitable for use in technical dentistry (e.g. work on plaster models, metal casting and model casting)

User group

For use by trained personnel who speak the respective local language

- Dentists
- Specialist dental staff (dental assistants, medical device reprocessing specialists)

Patient group

All people of all ages regardless of their state of health who can follow the instructions given by the dentist or dental staff.
Requirements:

- Intact skin
- External parts of the ears (auricles) are present
- No skull deformities
- Ensure that the patient's head is of the required size (e.g. when treating children)

Hearing aids may affect the patient's ability to wear headphones.
Keep the headphones switched off and only use them to hold the cannula adapter.

Functionality

The aerosol suction is intended to be used for the following:

- Removal of aerosol mist from in front of the oral cavity
- Protection of practice staff from being infected by diseases transmitted by aerosol mist
- Operation on a treatment unit connected to an existing spray mist suction unit

3.3 Technical specifications – headphones

Style	Over ear
Design	Closed
Transducer principle	Dynamic
Audio transmission range (earpiece)	10 – 30,000 Hz
Impedance	21.75 ohms
Sound pressure level (SPL)	99.6 dB
Pressure averaged from large and small head	584.5 g
Weight with cable	293 g
Weight without cable	284 g
Cable length	120 cm
Battery life	Up to 45 h
Battery life with ANC*	Up to 24.5 h

*ANC = active noise cancellation

3.4 Technical specifications – suction system

Suction power* during prophylaxis	Minimum 300 l/min
Suction power* during preparation	Minimum 400 l/min

*The specific suction power must be calculated each time (for this, please contact the competent service partner at your dental retailer).

The extraction power (suction power) should be > 300 l/min.

3.5 Operating conditions

- Only suitable for use in enclosed spaces
- Only suitable for professional use
- May only be used by trained staff
- Cannot be used as a substitute for practice staff's usual protective equipment

Place of operation	Permitted in indoor spaces
Suction volume of the suction system:	> 300 l/min
Ambient temperature:	10 – 35°C (50 – 95°F)
Relative humidity:	30 – 75%
Max. altitude	2,000 m

3.6 Storage and transport conditions

Protect the product from impact and moisture and observe stacking limitations

Ambient temperature - Storage	0 – 40°C (32 – 104°F)
Ambient temperature - Transport	-30 – 70°C (-22 – 158°F)
Relative humidity:	15 – 93%, noncondensing
Air pressure:	700 – 1,060 hPa

ATTENTION Headphones stored in cold conditions

Using the headphones immediately after removing them from cold storage conditions may result in malfunctioning.

▸ Before operation, allow the headphones to warm up to a temperature of 20 – 25°C (68 – 77°F)

4 Commissioning

Check the aerosol suction as follows before using it/putting it into operation for the first time:

- Has the suction power of the single place/central suction system been set correctly (min. > 300 l/min)?
- Check how the headphones work with the treatment unit's electric scale removal device by looking out for any possible generation of heat.
- Has the suction cannula been correctly fitted to the cannula adapter?
- Has the cannula adapter been correctly connected to the suction hose on the spray mist suction unit?
- Has the aerosol suction been correctly fastened to the headphones?
- Are the headphones with aerosol suction correctly seated on the patient's head?
- Are the protective covers on the headphone cups?
- What is the level of wear on the suction cannulas? Do not use badly worn suction cannulas.
- Device-specific kit; see the separate installation instructions for information on the additional aerosol suction.

5 Reprocessing

Reprocessing methods – in accordance with ISO 17664:2018

Always perform all the reprocessing steps provided in these instructions for use as described and in the order given.

Process the aerosol suction prior to using it for the first time and reprocess it after treating each patient.

The aerosol suction should be reprocessed as soon as possible following treatment. Also follow the processing steps in the user manuals provided by the relevant treatment device manufacturers of the suction system.

The manufacturer guarantees effective reprocessing up to 250 cycles in accordance with these instructions for use.

The suction hoses of the various kits for treatment units are to be carried out according to the specifications of the treatment steps from the operating instructions of the corresponding treatment unit manufacturers.

Reprocessing may only be conducted by qualified personnel.

No special servicing, maintenance, inspection or testing needs to be performed following the reprocessing.

Reprocessing restrictions

The following restrictions apply to the reprocessing of the **headphones**. Failure to observe the following may damage the headphones or cause malfunctioning:

- Do not clean inside the headphones
- Do not use disinfectants inside the headphones
- Do not perform automatic cleaning
- Do not use thermal disinfection
- Do not perform automatic disinfection
- Do not perform ultrasonic cleaning
- Do not submerge the headphones in liquid (e.g. cleaning agents/disinfectants)

Only clean the headphones using wipe-down disinfection as described in Chapter 5.3 Manual disinfection.

5.1 Steps in the place of use

Preparation at the place of use:

	Wear protective gloves		Wear a mask
	Wear eye protection		Wear protective clothing

Take the following steps immediately after treating each patient:

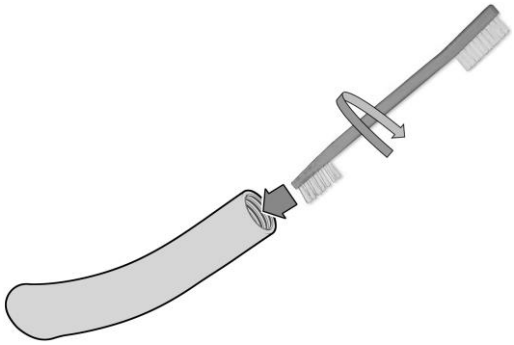
- Remove the protective covers from the headphones.
- Remove any heavy soiling such as residual cement, composite or blood from the components of the aerosol suction immediately in the place of use.
- You can use the accessories described in chapters 5.2 and 5.3 for this purpose.
- Only the aerosol suction needs to be reprocessed.
- The headphones only need to be cleaned using wipe-down disinfection.

These steps must be taken before the aerosol suction is reprocessed.
These steps must be performed in addition to normal practice hygiene.

5.2 Manual cleaning

Clean the surfaces of the suction cannulas and cannula adapters. Use the following materials:

- Brush, e.g. cleaning brush with nylon bristles (double-sided)
  – Number of brush heads: 2
  – Bristle material: nylon
  – Brush head length: 25 and 35 mm
  – Bristle length: 5 and 10 mm
  – Handle length: min. 170 mm
- Water of drinking-water quality 30°C ± 5°C (86°F ± 41°F)



Take the following steps:

1. Clean the suction cannula and cannula adapter under running water with continuous and oscillating brushing motions.
2. Perform a visual inspection of the surfaces. Repeat step 1 if any dirt remains on the suction cannula.
3. Then perform manual disinfection.

5.3 Manual disinfection

Disinfect the surfaces of the suction cannulas and cannula adapters.
Use the following materials:

- Disinfectant solution and cotton cloth (e.g. SciCan OPTIM Blue / Metrex CaviCide / DÜRR DENTAL FD 322)
  or
- Disinfectant wipes (e.g. SciCan OPTIM Blue Wipes / Metrex CaviWipes / Dr. Schumacher CLEANISEPT WIPES FORTE)
  or
- Place the suction cannulas and cannula adapters in a disinfection bath (non-fixing and aldehyde free, all parts must be covered).

Observe the exposure times of the cleaning agents and disinfectants

Do **not** put the **headphones** into a disinfection bath.

The manufacturer has tested the disinfectants to ensure that they are compatible with the aerosol suction.

Take the following steps:

1. If necessary, soak a cotton cloth in the disinfectant solution.
2. Wipe the surfaces of the suction cannulas, cannula adapters and headphones thoroughly with the soaked cotton cloth or disinfectant wipes.
3. Alternatively, place the suction cannulas and cannula adapters in a disinfection bath/disinfectant solution.
4. Leave the disinfectant to take effect in accordance with the instructions for use.
5. Then perform thermal disinfection (see Chapter 5.4) or sterilization (see Chapter 5.5).

Follow the instructions provided on the disinfectant to ensure you use it properly.

5.4 Thermal disinfection

Mechanical internal and external cleaning and disinfection in a washer disinfector in accordance with ISO 15883.

ATTENTION Damage to the product

Only the suction cannulas and cannula adapters may be thermally disinfected.

- The **headphones <u>cannot</u>** be thermally disinfected.

ATTENTION Product is damp following reprocessing

Failure to properly take care of the product may lead to malfunctions or breakdowns.

- Follow suitable cleaning and drying procedures.
- Make sure that the medical device is dry following reprocessing.

In some countries, national guidelines require mechanical reprocessing to be conducted using a validated washer disinfector (WD), such as SciCan HYDRIM M2 or C61.
Follow the instructions for use.

Validated parameters for cleaning and disinfection processes

Cleaning agent:	TPH 5949 (S&M)
pH value:	Max. 10
Program:	Thermal disinfection
Temperature:	≥ 93°C (199°F)
Exposure time:	≥ 5 minutes
Drying time:	≥ 15 minutes

ATTENTION

- Only use WDs with an integrated drying function.
- On the WD, choose a suitable program with drying.
- Observe the applicable national guidelines.

How to choose an appropriate washer disinfector (WD)

When performing mechanical cleaning and disinfection, it is essential to choose a WD with the following properties and validated processes:

- Compliance with EN ISO 15883 with tested efficiency
- Tested program for thermal disinfection (A0 value ≥ 3,000 or min. 5 minutes at 93°C)
- Suitable program for the components with a sufficient number of flushing cycles

How to choose appropriate cleaning agents and disinfectants

The following properties are essential for mechanical processing:

- Suitable for use with the product
- Meets the requirements of the WD's manufacturer

When placing the parts in the WD, make sure that all the areas will be reachable during cleaning.

- Place the cannulas in suitable holders in the WD, e.g. injector nozzle for Miele WD

E.g. Miele injector nozzle A 816 for cleaning cannulas

Inspecting and checking the components following cleaning and disinfection

- Once the cleaning and disinfection cycle is complete, inspect the components for residual dirt and residual moisture.
- Repeat the cycle if necessary.
- Replace damaged components if necessary.
- Pack away the components as soon as possible following drying and inspection.

5.5 Sterilization in accordance with ISO 17665

⚠WARNUNG Risk to health due to improper sterilization

Improper procedures may hamper the effectiveness of sterilization.
Using instruments that have not been sufficiently sterilized may put the patient's health at risk.

- ▸ Only steam sterilization is permissible.
- ▸ Observe all process parameters.
- ▸ When operating the steam sterilizer, always follow the manufacturer's instructions.
- ▸ Do not apply any other methods.

ACHTUNG Risk of property damage due to improper sterilization

Improper handling during sterilization may damage the product.

- ▸ When operating the steam sterilizer, always follow the manufacturer's instructions.
- ▸ Observe all process parameters.

The suction cannulas and cannula adapters can be sterilized in a steam sterilizer (B and N cycle). The permissible process varies from country to country.
The suction cannulas and cannula adapters have a temperature resistance of up to 138°C (280°F).

Wrapping

Before being sterilized, the suction cannulas and cannula adapters must be shrink-wrapped using suitable wrapping.
Please note the following:

- The wrapping used must meet the applicable national standards and be suitable for use with steam sterilization.
- The wrapping must be large enough to accommodate single suction cannulas and cannula adapters without the bag being over-stretched.
- The suction cannulas and cannula adapters must be shrink-wrapped individually in separate pieces of wrapping.

Sterilization

Please note the following during sterilization:

- Sterilization must only be performed in a steam sterilizer that meets the applicable standards (e.g. EN 13060) and has a validated B or N cycle.
- Only use programs that are suitable for the products being sterilized (e.g. when sterilizing hollow parts, use the fractionated vacuum method with three vacuum stages).
- Observe the applicable national and regional guidelines.
- Follow the operating instructions provided by the sterilizer manufacturer.

Sterilization must be conducted using the following validated sterilization methods:

Pursuant to the standards of the European Union (ISO 14937 and ISO 17665-1):

Vacuum method B cycle (3-fold pre-vacuum)	packed	132°C (270°F) Minimum pressure 300 kPa	Minimum sterilization time: 4 minutes	Minimum drying time: 60 minutes
Vacuum method B cycle (3-fold pre-vacuum)	packed	135°C (275°F) Minimum pressure 300 kPa	Minimum sterilization time: 3 minutes	Minimum drying time: 60 minutes

Pursuant to U.S. and Canadian standards (ANSI AAMI ST 79):

Gravity method N cycle	packed	132°C (270°F) Minimum pressure 300 kPa	Minimum sterilization time: 15 minutes	Minimum drying time: 30 minutes

Only remove the suction cannulas and cannula adapters from the sterilizer once they are completely dry.

5.6 Storage

Store the reprocessed aerosol suction in a dry, dark and cool room that is free from germs and dust.

Please observe the sterilized product's use-by date.

6 Operation and control

The aerosol suction is not delivered in a sterile condition. It must be processed prior to being used for the first time and reprocessed after each patient is treated in accordance with the instructions in Chapter 5.

⚠WARNING Risk of infection

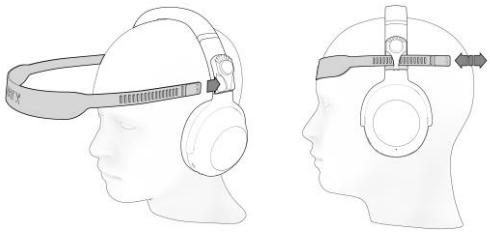
Using the product on a patient may result in it becoming contaminated. There is a risk that patients, users or third parties may be infected.

- Reprocess the aerosol suction in accordance with Chapter 5 of this user manual.
- Process the aerosol suction before using it for the first time.
- Reprocess the aerosol suction after treating each patient.

6.1 Positioning the headphones

1. Activate Bluetooth or the noise-cancelling function if required.
   Put the protective covers over the two headphone speakers.

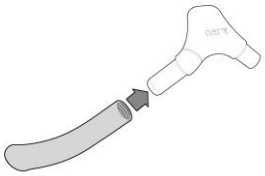
2. Put the headband in place to ensure that the headphones are positioned securely.



3. Put the headphones on the patient's head (make sure they are positioned correctly).

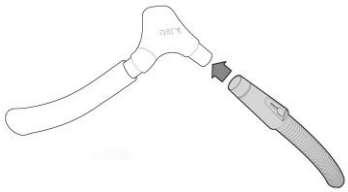
6.2 Connecting the suction cannula to the cannula adapter

1. Select the right or left cannula adapter.
   Attach the suction cannula to the cannula adapter (make sure it is positioned correctly).



6.3 Connecting the cannula adapter to the existing suction hose of the assistant element

1. Connect the cannula adapter to the suction hose (plug-in connection; make sure it is positioned correctly).

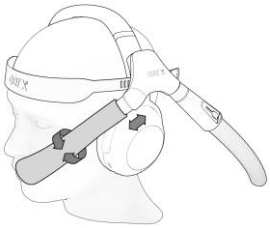


6.4 Connecting the aerosol suction to the headphones

1. Position the suction cannula between the nose and the corner of the mouth.
2. Connect the headphones to the cannula adapter and suction hose. To do this, use the magnetic fasteners on the headphones (left and right side) and cannula adapter.

6.5 Positioning the suction cannula on the patient's mouth

1. Position the suction cannula between the nose and the corner of the mouth.



When putting on the headphones, make sure that no patient hair or skin is pinched.

Pressure points may be caused by the headset if treatment is prolonged. These do not represent a danger or disability for patients.

ATTENTION

- Make sure that the headphones and cannula adapter are positioned correctly.
- Make sure that the suction cannula is positioned correctly in front of the patient's mouth.
- Do not put the headphones down on the patient.

6.6 Disassembly

Disassemble the suction cannula, cannula adapter and headphones in the reverse order.
Deactivate Bluetooth and the noise-cancelling function.

7 Care, maintenance and service

7.1 Troubleshooting

Low suction power	▸ Check the suction system's volumetric flow rate. ▸ Check that the parts have been connected correctly. ▸ Check the suction hose for damage (e.g. tears, holes, blockages).
The cannula adapter cannot be attached to the headphones	▸ Check the cannula adapter and headphones for signs of damage. ▸ Check the magnetic connection.
The headphones do not work	▸ See the separate instructions for use for the headphones.

If you are unable to resolve these malfunctions or if you experience other problems, contact an engineer or send the aerosol suction directly to be serviced.

7.2 Servicing

Please reprocess the aerosol suction before sending it to be serviced.

⚠WARNING Contaminated product

Sending a contaminated product to a service partner puts third parties at risk of infection.

- ▸ Please reprocess the aerosol suction before sending it to be serviced.
- ▸ Only send uncontaminated aerosol suction to be serviced.

There are no provisions in place for the aerosol suction to be repaired on the user's premises. Instead, the aerosol suction must be sent to a service partner.

With the exception of the processes described in these instructions for use, repair and maintenance work may only be performed by authorized service partners. Unauthorized repairs or modifications to the product invalidate the product's license and warranty.

Please contact your dealer for information about authorized service partners.

8 Disposal

Please reprocess the aerosol suction before disposing of it.

⚠WARNING Contaminated product

Disposing of a contaminated product puts third parties at risk of infection.

- ▸ Please reprocess the aerosol suction before disposing of it.
- ▸ Only dispose of uncontaminated aerosol suctions.

The aerosol suction must not be disposed of as household waste.

Disposal of devices and accessories at the end of their service life

Europe: The headphones are subject to EU Directive 2012/19/EU, which is known as the European Union's WEEE Directive (Directive on Waste Electrical and Electronic Equipment). In accordance with this Directive, waste electrical products must be disposed of in line with local provisions concerning their recovery and safe disposal.
Further information is available from the manufacturer or your dental dealer.
The following only applies in the Federal Republic of Germany: The transport, outer and sales packaging must be disposed of and recycled properly in accordance with the applicable version of the German Packaging Act as part of a nationwide take-back system using waste management companies/recycling companies. The company has obtained a license for its packaging for this purpose. Further information is available on request from your specialist dealer and/or the manufacturer.

9 Accessories and spare parts

Designation	REF	Figure
Fully assembled headphones	2.003.2386	
Cannula holder (right)	2.003.2387	
Cannula holder (left)	2.003.2388	
Suction cannulas (5 pieces)	2.003.2389	
Reducing adapter to 11 mm	2.003.2393	
Fixing strap	2.003.2390	
Disposable protective covers (100 pieces)	2.003.2392	
Headphone holder	2.003.2391	
USB-C charging cable	On request	

10 Manufacturer's warranty

SycoTec manufactures its products with the utmost care. Each product undergoes an extensive quality control process before being shipped.
SycoTec therefore provides the headphones with a 12-month warranty against defects in materials and workmanship and malfunctions from the date of purchase.
If such defects occur, SycoTec will repair or replace the product free of charge.
The warranty does not cover accessories (e.g. suction cannulas), spare parts (e.g. seals) or discoloration (e.g. of plastic parts).
Warranty claims are only valid if all the instructions in the product's user manual are followed.
SycoTec does not assume any liability in the event of gross negligence or intentional misuse.
Furthermore, SycoTec is not liable for defects and their consequences caused by improper use, improper reprocessing, care and maintenance, unauthorized repairs, natural wear and tear, or faulty water, air or power connections.
Warranty claims must be sent to SycoTec, the dealer or authorized service partners. Claims must include proof of purchase and the serial number, which must match the number appearing on the product.
The warranty period will not be extended as a result of services rendered under the terms of the warranty.
Other claims of any kind, in particular for damages, are excluded. No further legal remedies are available to the purchaser.
Once the warranty period has expired, all services and obligations relating to this warranty will be deemed to have been completely fulfilled. Any further claims will expire and may no longer be made against SycoTec.

(DE=original)