

beurer

IH 55

EN Nebuliser
Instructions for use2



Contents

1. Getting to know your device	2
2. Signs and symbols	2
3. Warnings and safety notes	3
4. Useful information regarding the device.....	4
5. Description of the device and accessories	4
6. Initial use	5
7. Operation.....	5
8. Cleaning and disinfection	6
9. Mains part.....	9
10. Technical specifications	10
11. Disposal.....	11
12. Replacement parts and wearing parts	11
13. Warranty/service.....	11

Included in delivery

See Description of the device and accessories on page 4

- Nebuliser
- Mesh atomiser with medication container
- Mouthpiece
- Adult mask
- Children's mask
- Power pack
- 4 x 1.5 V LR6 AA batteries
- These instructions for use
- Storage bag

1. Getting to know your device

Please read these instructions for use carefully and keep them for later use, be sure to make them accessible to other users and observe the information they contain.

Application area

This nebuliser is a mesh atomiser for treating the upper and lower airways.

By nebulising and inhaling the medication prescribed/recommended by your doctor, you can prevent diseases affecting the airways, or in the case that you contract such an illness, you can alleviate symptoms and speed up your recovery. Ask your doctor or pharmacist for further information about the potential applications.

The device is suitable for use at home and on the move. Inhaler medication should only be used following instructions to do so from a doctor. Ensure you are calm and re-




laxed when inhaling the medication and breathe slowly and deeply to ensure that the medication reaches right down to the lower bronchi. Breathe out normally.

Once it has been properly prepared, the device can be used again. Preparation involves replacing all the accessories, including the medication container, and disinfecting the surface of the device using a standard disinfectant. Please note that all accessories should be replaced if the device is used by more than one person.









We recommend that you replace the atomiser and other accessories after one year.

2. Signs and symbols

The following symbols appear in these instructions for use.

-  **Warning** Warning instruction indicating a risk of injury or damage to health.
-  **Important** Safety note indicating possible damage to the device/accessory.
-  **Note** Note on important information.

The following symbols are used on the packaging and on the type plate for the device and accessories.

	Applied part, type BF
	Observe the instructions for use
	Manufacturer
	On/Off
	Serial number
	Protection class 2 device
	Do not use outdoors
IP 22	Protected against foreign objects ≥ 12.5 mm and against water dripping at an angle
	The CE labelling certifies that the product complies with the essential requirements of Directive 93/42/EEC on medical devices.



Dispose of packaging in an environmentally friendly manner

3. Warnings and safety notes



Warning

- Before use, ensure that there is no visible damage to the device or accessories. If you have any doubts, do not use the device and contact your retailer or the specified Customer Services address.
- The device is not a substitute for medical consultation and treatment. Consult your doctor first if you are experiencing any pain or are suffering from an illness.
- If you have health concerns of any kind, consult your GP!
- Please note the general hygiene measures when using the nebuliser.
- You should always follow the instructions of your doctor regarding the type of medication to use, the dosage, and the frequency and duration of inhalation.
- Only use medication prescribed or recommended by your doctor or pharmacist.
- If the device does not work properly, or you feel unwell or experience pain, stop using it immediately.
- Keep the device away from your eyes when it is in use, as the nebulised medication could be harmful.
- Do not operate the device in the presence of flammable gases.
- Do not operate the device near electromagnetic transmitters.
- This device is not intended for use by children or people with restricted physical, sensory (e.g. reduced sensitivity to pain) or mental skills or a lack of experience and/or lack of knowledge, unless they are supervised by a person who is responsible for their safety or are instructed by such a person in how to use the device.
- Check in the medicine package leaflet for possible contraindications for use with common aerosol therapy systems.
- Keep packaging material away from children (risk of suffocation).
- Do not use any additional parts that are not recommended by the manufacturer.
- Never submerge the device in water and do not use it in the bathroom. Under no circumstances may liquid enter the device.
- Protect the device from heavy impact.

- If the device has been dropped, exposed to high levels of moisture or suffered any other damage, it must no longer be used. If in doubt, contact Customer Services or the retailer.
- The IH 55 may only be operated with the appropriate accessories. The use of accessories made by other companies may result in less efficient therapy and could damage the device.
- If the batteries are empty or you do not intend to use the device for longer periods, remove the batteries from the device. This prevents damage which could occur due to leakage. Always replace all batteries at the same time.



Important

- Power cuts, sudden interference or other unfavourable conditions could lead to the device becoming inoperable. We therefore recommend that you obtain a replacement device or medication (the latter should be agreed with your doctor).
- Do not store the device near to sources of heat.
- Do not use the device in a room in which a spray has previously been used. Air the room before carrying out the therapy.
- For hygiene reasons, every user should use their own set of accessories (mesh atomiser with medication container, mask, mouthpiece).
- Store the device in a location protected against climatic influences. The device must be stored in the environmental conditions specified.
- Do not use any liquids with a viscosity of more than 3. This can irreparably damage the mesh.
- Do not use any powdered medication (including in a solution).
- Do not shake the atomiser as this may cause liquid to leak out and damage the device.

General notes



Important

- The device is suitable only:
 - on humans
 - for the purpose for which it is designed (aerosol inhalation) and in the manner specified in these instructions for use.
- **Any form of improper use can be dangerous.**
- In the event of an acute emergency, the provision of first aid has top priority.
- Only use the medication with a saline solution.



- This device is not intended for commercial or clinical use; it is designed exclusively for self-treatment in a private home.

Prior to initial use

Important

- Remove all packaging material before using the device.
- Protect the device from dust, dirt and humidity.
- Do not operate the device in a very dusty area.
- Ensure the device and accessories are at room temperature before using them.
- Switch the device off immediately if it is faulty or not working properly.
- The manufacturer is not liable for damage resulting from improper or careless use.

Notes on handling batteries

- If your skin or eyes come into contact with battery fluid, rinse the affected areas with water and seek medical assistance.
-  **Choking hazard!** Small children may swallow and choke on batteries. Store the batteries out of the reach of small children.
- Observe the plus (+) and minus (-) polarity signs.
- If a battery has leaked, put on protective gloves and clean the battery compartment with a dry cloth.
- Protect batteries from excessive heat.
-  **Risk of explosion!** Never throw batteries into a fire.
- Do not charge or short-circuit batteries.
- If the device is not to be used for a relatively long period, take the batteries out of the battery compartment.
- Use identical or equivalent battery types only.
- Always replace all batteries at the same time.
- Do not use rechargeable batteries.
- Do not disassemble, split or crush the batteries.

Repairs

Note

- Under no circumstances should you open or repair the device yourself, as faultless functionality can no longer be guaranteed thereafter. Failure to comply will result in voiding of the warranty.
- For repairs, please contact Customer Services or an authorised retailer.
- The device is maintenance-free.

4. Useful information regarding the device

Accessories

Only use the accessories recommended for use by the manufacturer; safe function is only guaranteed when this requirement is met.

Important

Leakage protection

When pouring the medication into the medication container, ensure that you only fill it up to the maximum mark (10 ml). The recommended filling quantity is between 2 and 10 ml. Nebulisation only occurs while the substance to be nebulised is in contact with the mesh. If this is not the case, the nebulisation is stopped automatically.

Therefore, please try to hold the device as vertically as possible.

Automatic switch-off

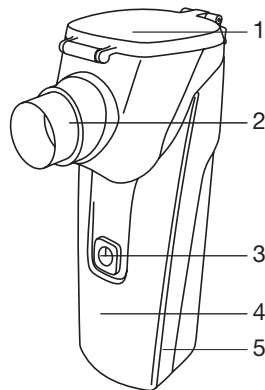
The device has an automatic switch-off function. When there is only a very small amount of medication or fluid left, the device switches off automatically to avoid causing damage to the mesh.

Do not operate the device when the medication container or water tank is empty. The device switches off automatically if the substance to be nebulised is no longer in contact with the mesh.

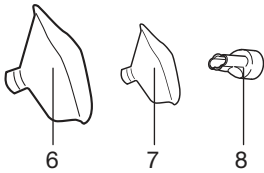
5. Description of the device and accessories

Overview

- 1 Medication container
- 2 Mesh atomiser
- 3 On/Off button incl. LED indicators for the operating display:
 - blue: device ready for operation
 - orange: change batteries
 - violet: start of self-cleaning function
- 4 Housing
- 5 Battery compartment



Overview of accessories



6 Adult mask

7 Children's mask

8 Mouthpiece

Storage bag

6. Initial use

Before using the device for the first time

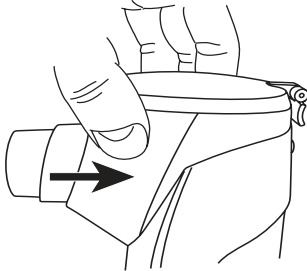
Note

- Clean and disinfect the atomiser and accessories before using them for the first time. See "Cleaning and disinfection" on page 6.

Installation

Take the device out of the packaging.

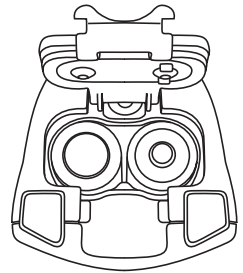
- Push the medication container (1) with mesh atomiser (2) from the front horizontally into the guide provided in the housing (4) respectively the base of the device so that it audibly clicks into place.



Insert the batteries

- Open the battery compartment (5) on the underside of the device by pressing gently and pulling at the same time, and folding open the battery compartment.
- Insert four batteries (type AA, LR6).

- Ensure that the correct battery polarity is observed (diagram inside battery compartment).
- Close the battery compartment lid again.



Note

- When replacing the batteries, ensure that the medication container is completely empty, otherwise there is a risk of droplets leaking out.
- As soon as the orange-coloured LED indicators (3) light up, please change all four batteries, as the efficiency of the nebulisation decreases significantly when the batteries are low.
- With new alkaline batteries, you can operate the device for approx. 180 minutes.
- This is sufficient for 5–9 applications with saline solution (depending on dosage and application period).

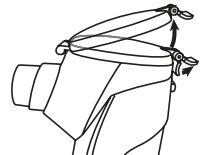
7. Operation

1. Preparing the atomiser

- For hygiene reasons, it is essential to clean the atomiser and the accessories after each treatment and to disinfect them after the last treatment of the day.
- If the therapy involves inhaling several different medications one after the other, please be aware that the atomiser must be rinsed under warm tap water following every usage. See "Cleaning and disinfection" on page 6.

2. Filling the atomiser

- Open the medication container (1) by releasing the clip and fill the medication container with an isotonic saline solution or pour the medication straight in. Avoid overfilling.



- The maximum recommended filling quantity is 10 ml.
- Use medication only as instructed by your doctor and ask about the appropriate inhalation period and quantity for you.

- If the prescribed quantity of medication is less than 2 ml, top this up to at least 4 ml with isotonic saline solution only. Dilution is also necessary with viscous medications. Here too, please observe the instructions of your doctor.

3. Closing the atomiser

- Close the lid of the medication container (1) and fasten the clip.

4. Connecting an accessory

- Firmly connect the desired accessory (mouthpiece, adult mask or children's mask) to the outlet of the mesh atomiser (2) by inserting it.
- Now place the device to your mouth and put your lips firmly around the mouthpiece. When using the mask(s), please place the mask over your nose and mouth.
- Start the device using the On/Off button (3).
- The spray mist pouring out of the device and the LEDs glowing blue (3) indicate that the device is operating correctly.

Note

The most effective form of nebulisation is by using the mouthpiece. Nebulisation using a mask is only recommended if it is not possible to use a mouthpiece (e.g. for children who are not yet able to inhale using a mouthpiece).

When using a mask to inhale, take care to ensure the mask fits well and the eyes are unobstructed.

5. Inhaling correctly

Breathing technique

- It is important to use the correct breathing technique to ensure that the particles are distributed as widely as possible across the airways. To ensure that the particles reach your airways and lungs, you must breathe in slowly and deeply, then hold your breath briefly (5 to 10 seconds) and then breathe out quickly.
- Nebulisers should only be used for the treatment of respiratory diseases after consultation with your doctor. He or she will advise you about the selection, dosage and use of medications suitable for inhalation therapy.
- Certain medications are only available with a prescription.

Note

You should hold the device as vertically as possible. However, a slight angle will not affect the application, as the container is leak proof. For full functionality of the device, ensure when using it that the medication is in contact with the mesh.

Important

Essential oils, cough syrups, gargling solutions and drops to be used as a rub or in a steam bath are wholly unsuitable for inhalation using a nebuliser. These additions are often viscous and can impair the correct functioning of the device and therefore the effectiveness of the application in the long-term.

For individuals with a hypersensitive bronchial system, medications containing essential oils may under certain conditions cause an acute bronchospasm (a sudden cramp-like restriction of the bronchi with shortness of breath). Consult your doctor or pharmacist in relation to this matter.

6. Stopping inhalation

- When you have finished the treatment, switch off the device using the On/Off button (3).
- The LED indicators (3) go out.
- If the inhalant is nebulised, the device switches off automatically. For technical reasons, a small amount of medication remains in the medication container (1).
- Do not use this.

7. Carry out cleaning

See "Cleaning and disinfection" on page 6.

8. Cleaning and disinfection

Warning

Adhere to the following hygiene instructions to avoid health risks.

- The atomiser and accessories are designed for multiple use. Please note that different areas of application involve different requirements in terms of cleaning and hygienic preparation.

Note

- Do not clean the mesh or the accessories mechanically using a brush or similar device, as this could cause

irreparable damage and it will mean that the best treatment results can no longer be guaranteed.

- Please consult your doctor about the additional requirements in terms of the hygienic preparation needed (hand care, handling of medication/inhalation solutions) for high-risk groups (e.g. patients with cystic fibrosis).

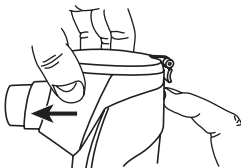
Cleaning

The mesh atomiser with container and the used accessories such as mouthpiece, mask, etc. must be washed with hot water after each use. Dry the parts carefully using a soft cloth. Put the parts together again if they are completely dry and place them in a dry, sealed container or disinfect them.

- Remove the mouth piece and the relevant accessory from the atomiser.
- Pour 6 ml of clean water into the medication container (1) and switch the device on to first clean the mesh of any medication residue (please nebulise all of the liquid).
- Remove the batteries.
- Remove the add-on parts such as the mesh atomiser or the medication container and the cover from the device.

Disassembling

- Remove the medication container (1) with mesh atomiser (2), by pressing the button on the back of the device and pulling the unit off horizontally towards the front.
- Reassembly is carried out in reverse order.



! Important

Never hold the whole device under running water to clean it. When cleaning, ensure that any residue is removed and dry all parts carefully.

Never use any substances for cleaning that could potentially be toxic if they came into contact with the skin or mucous membranes, or if they were swallowed or inhaled. If required, clean the housing of the device using a slightly damp cloth, which you can moisten with a mild soapy solution.

- If there is any residue from medical solutions or contamination on the silver-coloured contacts of the device or atomiser, clean with a cotton bud moistened with ethyl alcohol.

- Also clean the outer sides of the mesh and the medication container with a cotton bud moistened with ethyl alcohol.

! Important

- The device must be switched off and allowed to cool down each time before cleaning.
- Do not use any abrasive cleaning products and never submerge the device in water.
- Ensure that no water gets inside the device!
- Do not clean the device or accessories in the dishwasher!
- Do not allow water to spray onto the device. Only operate the device if it is completely dry.
- Do not spray any liquid into the vents. If liquid penetrates the device this could cause damage to the electronics or other nebuliser parts and lead to a malfunction.

! Important

We recommend carrying out inhalation without interruptions since the inhalant may clog the mesh atomiser during a long pause in treatment, and the effectiveness of the application may be impaired as a result.

Self-cleaning function

To completely remove medication residue and eliminate any blockages, you can use the device's self-cleaning function.

To do this, proceed as follows:

1. Pour 0.5 to 1.0 ml of tap water or distilled water mixed with vinegar (1/4 vinegar and 3/4 distilled water) into the opening of the mesh atomiser (2). To avoid leakage through the lateral openings, please do not overfill.
2. Press and hold the On/Off button (3) until the LED indicator (3) briefly lights up violet.

The cleaning liquid is now drawn out of the opening in the mesh atomiser into the medication container (reverse mode).

During this process, it is possible for droplets of this liquid to leak out of the medication container. Therefore, place some protection under the nebuliser if necessary.



3. Once there is no cleaning liquid left in the opening of the mesh atomiser, switch the nebuliser off again by pressing the On/Off button (3).

Note

The nebuliser does NOT switch off automatically when the self-cleaning function is activated.

Disinfection

Please carefully observe the points below when disinfecting your atomiser and accessories. We recommend disinfecting the individual parts on a daily basis after the last usage as a minimum measure.

You can disinfect the IH 55 and its accessories in two ways: using ethyl alcohol or boiling water.

First, clean the atomiser and accessories as described in the "Cleaning" section. Then continue with the disinfection.

Important

Make sure that you do not touch the mesh (2), as this can destroy it.

Disinfection with ethyl alcohol (70-75%)

- Pour 8 ml of ethyl alcohol into the medication container (1). Close the container. Leave the alcohol in the container for at least 10 minutes.
- For better disinfection, shake the unit gently from side to side.
- Once this is complete, pour the ethyl alcohol out of the container.
- Repeat the process, but this time using water.
- Position the medication container (1) so that you can drip a few drops of ethyl alcohol onto the mesh (2). Leave this to work for 10 minutes.
- Then clean all the parts again under running water.

Disinfection with boiling water

- The medication container with mesh atomiser should be placed with the lid open into bubbling, boiling water together with the mouthpiece for 15 minutes. Contact between the parts and the hot base of the pan should be avoided.
- You can also disinfect the medication container with mesh atomiser and the mouthpiece using a standard steriliser. For more information, please see the instructions for use of the steriliser manufacturer.
- The atomiser must not be placed in the microwave.

Note

The masks must not be placed in hot water!

- We recommend disinfecting the masks using a standard disinfectant.

Drying

- Dry the parts carefully using a soft cloth.
- Shake the mesh atomiser (2) gently from side to side (5–10 times), so that the water inside the mesh is removed from the tiny holes.
- Place the individual parts on a clean, dry and absorbent surface and leave them to dry completely (at least 4 hours).

Note

Please ensure that the parts are completely dry after cleaning, otherwise the risk of bacterial growth is increased.

Put the parts together again if these are completely dry and place the parts in a dry, sealed container.

Ensure that the mesh atomiser (2) is completely dried off by the shaking. Otherwise, the nebulisation may not work after reassembling the device.

If this is the case, shake the mesh atomiser (2) again so that the water can escape. The nebuliser should then work as normal.

Durability of materials

- The following point should be observed when selecting the cleaning product or disinfectant: only use a mild cleaning product or disinfectant in the concentration and volume prescribed by the manufacturer.
- As with any plastic parts, the medication container with mesh atomiser and the accessories are affected by a certain amount of wear and tear when used and hygienically prepared on a frequent basis. Over time, this can lead to a change in the aerosol, which can have a negative effect on the efficiency of the therapy. We therefore recommend that you replace the medication container with mesh atomiser and the accessories after no more than a year.

Storage

- Do not store in damp conditions (such as in a bathroom) and do not transport with any damp items.
- When storing and transporting, protect from prolonged direct sunlight.

Troubleshooting

Problem/question	Possible cause/remedy
The atomiser produces no or too little aerosol.	<ol style="list-style-type: none"> 1. Too little medication in the atomiser. 2. Atomiser not held vertically. 3. Unsuitable medication fluid added for nebulisation (e.g. too viscous. Viscosity must be less than 3). The medication fluid should be prescribed by the doctor.
The output is too low.	<ol style="list-style-type: none"> 1. The batteries are empty. Replace the batteries and try again. 2. There are air bubbles in the medication container, which are preventing continuous contact with the mesh. Please check this and remove any air bubbles. 3. Particles on the mesh are hindering output. In such cases, you can remove the dirt by pouring in 2–3 drops of vinegar mixed with 3–6 ml of water and nebulising the entire mixture. Please do not inhale this mist and remember to clean and disinfect the medication container afterwards (see page 6). Alternatively, you can use the device's self-cleaning function. If the output is still not improved, replace the medication container with mesh atomiser. 4. The mesh is worn.
What medications are suitable for inhalation?	<p>Naturally, only your doctor can decide which medication should be used for treating your condition. Please consult your doctor in relation to this matter.</p> <p>With the IH 55 you can nebulise medications with a viscosity of less than 3.</p> <p>Medications containing oil (particularly essential oils) should not be used, as these attack the material of the medication container, which can lead to faults.</p>

Problem/question	Possible cause/remedy
There is inhalation solution residue in the atomiser.	This is normal and is necessary for technical reasons. Stop the inhalation as soon as the atomiser starts to make a notably different sound or the device switches off automatically due to a lack of inhalant.
What should be taken into account when using the device with infants and children?	<ol style="list-style-type: none"> 1. On infants, the mask should cover the nose and mouth to ensure effective inhalation. 2. On children, the mask should also cover both the nose and mouth. It is not a good idea to carry out nebulisation on someone who is sleeping, as in this case not enough of the medication will reach the lungs. <p>Note: Inhalation should only be carried out under the supervision of an adult and with their assistance and the child should not be left alone.</p>
Inhalation using the mask takes longer.	This is necessary for technical reasons. You breathe less medication per breath through the holes of the mask than via the mouthpiece. The aerosol is mixed with ambient air via the holes.
Does everyone need their own accessories?	Yes, this is absolutely essential for hygiene reasons.

9. Mains part



Important

- The device must only be used with the mains part described here.
- Ensure that the power supply socket does not come into contact with any liquids.
- Should you require an adapter or extension lead, this must meet the applicable safety requirements. The power limit and the maximum output specified on the adapter must not be exceeded.
- Always unplug the mains part from the mains socket after use.

Operation with mains part

The mains part must only be connected to the mains voltage that is specified on the type plate.

- Power supply: 100–240 V~; 50–60 Hz; 0.15 A
- Insert the mains part connector plug (A) into the provided connector socket (B) and fully insert the mains part into a suitable socket.



Note

- Ensure that there is a mains socket close to the set-up area.
- Arrange the mains cable so that no-one will trip over it.
- To disconnect the device from the mains after inhalation, first switch the device off and then pull the mains plug out of the socket.
- The batteries do not need to be removed during operation with the mains part.
- The mains part cannot be used for charging batteries.

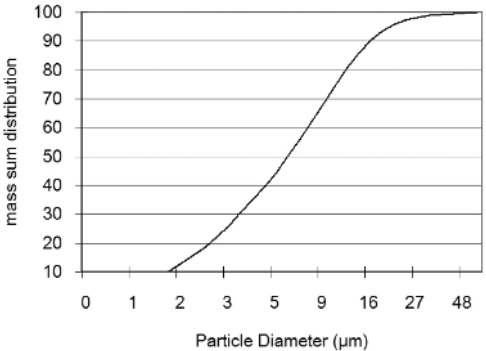
10. Technical specifications

Dimensions (LxWxH)	146 x 51 x 85 mm
Weight	228 g incl. batteries
Battery-operated	4 x 1.5 V type AA, Mignon (LR6)
Expected product life cycle	5 years
Filling volume	Max. 10 ml
Medication flow rate	> 0.25 ml/min
Vibration frequency	100 kHz
Housing material	ABS
Operating conditions	Temperature: +10 °C to +40 °C Relative humidity: < 93% non-condensing Atmospheric pressure: 860 to 1060 hPa
Storage and transportation conditions	Temperature: -10 °C to +45 °C Relative humidity: < 93% non-condensing Atmospheric pressure: 860 to 1060 hPa

The serial number is located on the device or in the battery compartment.

Subject to technical changes. Wearing parts are excluded from the guarantee.

Particle size diagram



The measurements were carried out with a sodium chloride solution using a laser diffraction method. The diagram may therefore not be applicable to suspensions or highly viscous medications. You can obtain more detailed information from the manufacturer of your medication.

Note

If the device is not used according to the instructions specified, perfect functionality cannot be guaranteed! We reserve the right to make technical changes to improve and develop the product.

This device and its accessories comply with the European standards EN60601-1, EN60601-1-2 (In accordance with IEC61000-3-2, IEC61000-3-3, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-11) and EN13544-1 and are subject to particular precautions with regard to electromagnetic compatibility. This device meets the requirements of European Directive 93/42/EEC for medical devices, as well as those of the Medizinproduktegesetz (German Medical Devices Act).

Notes on electromagnetic compatibility

- The device is suitable for use in all environments listed in these instructions for use, including domestic environments.

- The use of the device may be limited in the presence of electromagnetic disturbances. This could result in issues such as error messages or the failure of the display/device.
- Avoid using this device directly next to other devices or stacked on top of other devices, as this could lead to faulty operation. If, however, it is necessary to use the device in the manner stated, this device as well as the other devices must be monitored to ensure they are working properly.
- The use of accessories other than those specified or provided by the manufacturer of this device can lead to an increase in electromagnetic emissions or a decrease in the device's electromagnetic immunity; this can result in faulty operation.

11. Disposal

Battery disposal

- Empty, completely flat batteries must be disposed of through specially designated collection boxes, recycling points or electronics retailers. You are legally required to dispose of the batteries.
- The codes below are printed on batteries containing harmful substances:
Pb = Battery contains lead,
Cd = Battery contains cadmium,
Hg = Battery contains mercury.



General disposal

For environmental reasons, do not dispose of the device in the household waste at the end of its useful life. Dispose of the device at a suitable local collection or recycling point. Dispose of the device in accordance with EC Directive – WEEE (Waste Electrical and Electronic Equipment). If you have any questions, please contact the local authorities responsible for waste disposal.



12. Replacement parts and wearing parts

Replacement parts and wearing parts are available from the corresponding listed service address under the stated material number.

Designation	Material	REF
Mouthpiece (PP), adult mask (PVC), children's mask (PVC), mesh atomizer with medication container (PC)	PP/PVC/PC	602.11
Mesh atomiser with medication container (PC)	PC	163.899

13. Warranty/service

Beurer GmbH, Söflinger Straße 218, 89077 Ulm, Germany (hereinafter referred to as "Beurer") provides a warranty for this product, subject to the requirements below and to the extent described as follows.

The warranty conditions below shall not affect the seller's statutory warranty obligations which ensue from the sales agreement with the buyer.

The warranty shall apply without prejudice to any mandatory statutory provisions on liability.

Beurer guarantees the perfect functionality and completeness of this product.

The worldwide warranty period is 5 years, commencing from the purchase of the new, unused product from the seller.

The warranty only applies to products purchased by the buyer as a consumer and used exclusively for personal purposes in the context of domestic use. German law shall apply.

During the warranty period, should this product prove to be incomplete or defective in functionality in accordance with the following provisions, Beurer shall carry out a repair or a replacement delivery free of charge, in accordance with these warranty conditions.

If the buyer wishes to make a warranty claim, they should approach their local retailer in the first instance: see the attached "International Service" list of service addresses.

The buyer will then receive further information about the processing of the warranty claim, e.g. where they can send the product and what documentation is required.

A warranty claim shall only be considered if the buyer can provide Beurer, or an authorised Beurer partner, with

- a copy of the invoice/purchase receipt, and
- the original product.

The following are explicitly excluded from this warranty:

- deterioration due to normal use or consumption of the product;
- accessories supplied with this product which are worn out or used up through proper use (e.g. batteries, rechargeable batteries, cuffs, seals, electrodes, light sources, attachments and nebuliser accessories);
- products that are used, cleaned, stored or maintained improperly and/or contrary to the provisions of the instructions for use, as well as products that have been opened, repaired or modified by the buyer or by a service centre not authorised by Beurer;
- damage that arises during transport between manufacturer and customer, or between service centre and customer;
- products purchased as seconds or as used goods;
- consequential damage arising from a fault in this product (however, in this case, claims may exist arising from product liability or other compulsory statutory liability provisions).

Repairs or an exchange in full do not extend the warranty period under any circumstances.

