

Breathe in. **Breathe out.**

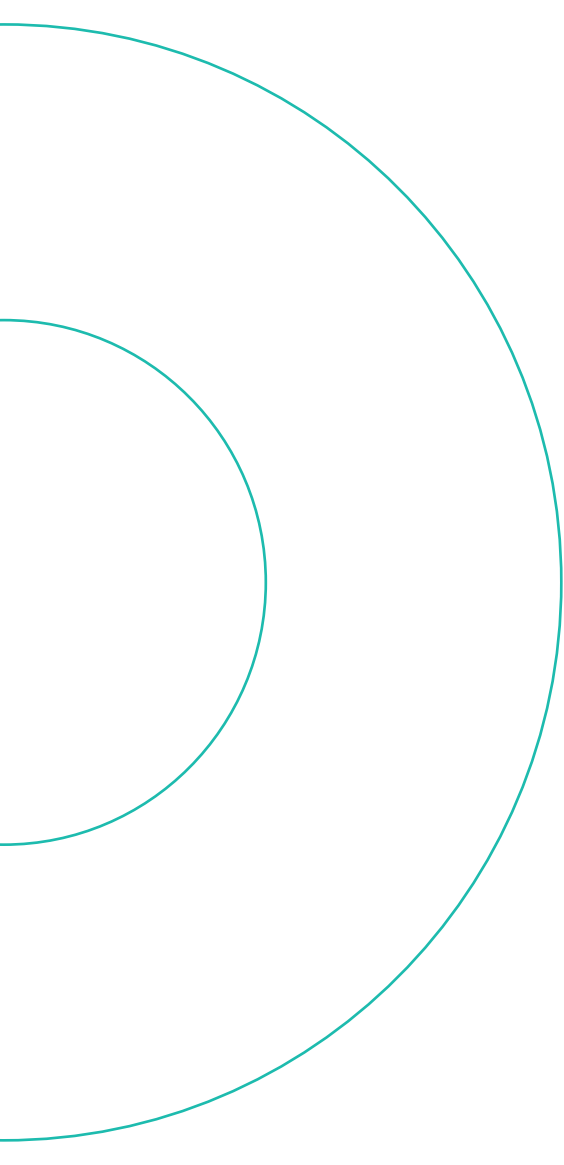
Quick Start Guide

Equine

BIBO
PULMIFIER®

powered by Aerogen®





Reliable inhalation.

Every day.

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BIBO PE PureFit Mask

Thanks to an antibacterial additive, the BIBO PE PureFit Mask reduces the bacterial count by 99.99%* within 24 hours and is easy to wipe clean or rinse. Available in several colours, it offers maximum flexibility thanks to its neoprene seal. Also available as a competition mask.



BIBO Cordura® SoftFit Mask

Weighing just 730 grams, the BIBO Cordura® SoftFit Mask is very light and flexible and adapts to the shape of the horse's head – ideal for training and everyday use on the yard. Its natural rubber seal ensures a secure fit and a high level of comfort.



* Tested by SGS Limited on PE material with an antibacterial silver additive against E. coli and Staphylococcus aureus in accordance with JIS Z 2801:2010. The active substance silver phosphate glass has been added to the product as a biocidal product.

The nebuliser

Proven Aerogen® mesh technology: quiet in operation, intelligent thanks to automatic end-of-dose detection, and designed for up to 2,000 uses.



98% (polycarbonate) with approx.
makrolon® 2% colour masterbatch

The controller

The BIBO Pulmifier® controller has been specially optimised for use in the stable: dust and splashing water do not affect its function.



CE



IP44 – protection against solid objects ≥ 1 mm
and against splashing water from all directions

Indicators



Switching the device on and off

Press the power button.



Green light = standby

Use the start/pause button to start and pause the inhalation.

Green ring = nebulisation active

Flashing green ring = paused

Automatic empty detection

(after 10 seconds): 3 short beeps

The device automatically returns to standby mode. If the nebuliser has not been filled, automatic empty detection responds after just 3 seconds.

Battery charge level:

4 LEDs = 100% – each LED = 25%



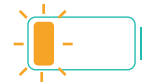
All LEDs green = battery fully charged

(lasts approx. 5 hours depending on storage; takes 3.5 hours to charge fully)



Last LED orange = charge battery soon

(enough for approx. one more inhalation of 10 ml)



Flashing orange LED = charge battery now

The battery is very low. The device will switch off shortly.



Yellow caution triangle = check the connection between nebuliser and controller

△ + yellow battery: charge the battery

Getting started



BEFORE FIRST USE:

Charge the controller fully. The controller is supplied in transport mode and can only be switched on once it has been connected to the power supply. A full charge takes approx. 3.5 hours.

Step 1:

Hold the nebuliser tilted a quarter turn to the left and fit it onto the round opening in the lower part of the front of the mask.

Turn the nebuliser 45° to the right to lock it into position.



Step 2:

Place the controller in the guide rails and slide it towards the nebuliser.

A “click” confirms that the controller and the nebuliser are correctly connected.



Step 3:

Fill the nebuliser with up to 50 ml and close the lid.

For more information on inhalation liquids, see chapter 05 | Inhalation liquids.

NOTE:

The BIBO Pulmifier® can support your horse's respiratory health – but it is no substitute for good management or veterinary expertise. Good day-to-day stable management remains the foundation. If your horse shows coughing, nasal discharge, an increased respiratory rate or a drop in performance, always consult your vet first. Diagnosis, the choice and dosage of medication and the treatment plan belong exclusively in professional hands. Only use inhalation solutions and prescription-only medicines as directed by your vet. An inhaler cannot permanently compensate for poor husbandry conditions. In addition, there are respiratory diseases for which inhalation alone is not sufficient.





03 | Before the first inhalation

Getting your horse used to the mask

Take your time getting your horse used to the BIBO Pulmifier®.

Step 1:

Remove the controller and the nebuliser from the mask (and, on the PE PureFit mask, the drain plug). This gives your horse an additional air supply.

Step 2:

Slide the mask over your horse's nostrils, but do not fasten it yet.

Step 3:

Once your horse is relaxed about having the mask pulled over its nostrils, fasten it with the strap either to the headcollar or over the poll. The mask fits correctly when the seal sits around the horse's nostrils and mouth and the mask sits directly below the noseband of the headcollar.

Once your horse has accepted the mask, you can start the inhalation.

First use

Step 1:

Fill the nebuliser with the inhalation solution recommended by your vet. Then fit the BIBO Pulmifier® on your horse securely and comfortably.

Step 2:

Press the  power button to switch the device on. The BIBO Pulmifier® now automatically runs a short self-test. During the test, the indicators light up briefly and a beep sounds. As soon as the green power indicator lights up, the device is ready for use.

Step 3:

Press the  start/pause button to begin the inhalation. The green light ring shows that nebulisation is active. Press the start/pause button again to pause nebulisation. Press it once more to resume.

End of inhalation

As soon as the inhalation solution has been completely nebulised, the BIBO Pulmifier® ends the treatment automatically. Three short beeps tell you that the session is complete. The device then automatically returns to standby mode. Now remove the mask and switch the device off using the power button.



05 | Inhalation liquids

Use as prescribed by your vet

The following list is for information purposes only. It does not constitute a recommendation for use or treatment. Medication may only be used as directed by your vet. The active substances listed have only been tested for their technical suitability for nebulisation and their compatibility with the BIBO Pulmifier®.

Isotonic saline solution 0.9%

Ingredients: sodium chloride

May have a moisturising, soothing and mildly mucus-loosening effect

Hypertonic saline, brine and other salt solutions with a concentration above 1%

Ingredients: sodium chloride and, where applicable, other salts and minerals (e.g. Dead Sea brine, Ems salt, etc.)

May have a mucus-loosening and moisturising effect



Bronchodilators

Beta-2 agonists

Active substances: salbutamol and others

Use: for rapid widening of constricted bronchi

Anticholinergics

Active substances: ipratropium bromide and others

Use: to treat conditions involving spasmodic narrowing of the larger bronchi

Glucocorticoids

Active substances: budesonide, dexamethasone and others

Use: corticosteroid preparations with an anti-inflammatory and decongestant effect on the airways

NOTE:

Always discuss the administration of medication with your vet. You can easily find our accessories in our online shop – along with lots of helpful tips and our blog: bibo-pulmifier.com

Other inhalation liquids

Anti-allergics

Active substances: sodium cromoglicate and others

Use: to reduce symptoms of allergic conditions

Antibiotics

Active substances: gentamicin and others

Use: for bacterial infections, not for viral diseases

Expectorants / mucolytics

Active substances: acetylcysteine, ambroxol and others

Use: for coughing and thick mucus

Ectoïne

May have a moisturising and soothing effect on the mucous membranes

Chelated silver

Ingredients: chelated silver

May have a soothing effect on the airways

Clean the Cordura® SoftFit mask after every use

Remove the controller and the nebuliser from the mask before you start cleaning. To ensure hygienic use, please carry out the following steps after every inhalation:

Step 1: Take out the base plate and wipe it thoroughly with a disinfectant wipe.

Step 2: Quickly wipe the inside of the mask with a disinfectant wipe. Then leave the mask to air-dry.

For heavier soiling or horses with an infection, we recommend intensive cleaning.

Intensive cleaning

After the inhalation, spray the mask and the base plate with a textile disinfectant spray and leave it to act as instructed on the manufacturer's label. If using a textile disinfectant spray, check for colourfastness first.

We then recommend rinsing off any cleaner residue under clean water. To dry, remove excess water with a clean microfibre cloth and hang the mask up. Only refit the base plate once the mask is dry.

Regular deep cleaning

We recommend deep cleaning the Cordura® SoftFit mask at regular intervals.

For deep cleaning, you can wash the mask body in the washing machine using the laundry bag provided. First remove the 7 struts and the base insert. Adding a few towels to the drum gives the mask optimum protection. Please use a mild detergent and a gentle programme without spinning.

Never put the mask in a tumble dryer! You are welcome to add a hygiene laundry additive to the detergent.

After washing, hang the damp mask up to dry, then refit the 7 struts and the base insert.



Wash on a gentle programme at up to 40 °C.



Do not tumble dry!



Do not bleach.
Use mild detergent only.

Note: These care instructions also apply to the neoprene sleeve of the PE PureFit mask.

Clean the PE PureFit mask after every use

Remove the controller and the nebuliser from the mask before you start cleaning.

Step 1: First remove the BioThane® 2-in-1 straps.

Step 2: Then take off the neoprene sleeve.

Step 3: If required, the neoprene sleeve can be wiped with a cleaning cloth or machine-washed at 30–40 °C. Do not tumble dry and do not bleach; use mild detergent only. Do not use disinfectant, as it may cause the material to break down.

Step 4: The BioThane® straps can also be wiped with a cleaning cloth if required.

Step 5: The PE PureFit mask (not the neoprene sleeve) is made from an antibacterial material. However, this does not replace regular cleaning – it simply provides extra support in everyday use. Wipe the mask regularly with a cleaning or disinfectant wipe.

Step 6: For heavier soiling, the mask can also be rinsed out. To allow any remaining liquid to drain away completely, remove the drain plug and only refit it once the mask is completely dry.

Step 7: Once all parts are clean and dry, first refit the neoprene sleeve and then the BioThane® straps. The mask is now ready for its next use.

How to clean the nebuliser

Please clean the nebuliser after every use.

Fill the nebuliser with approx. 1 ml of saline solution and let it nebulise briefly to remove any residue.

To clean, spray approx. 5 sprays of the supplied isopropanol cleaning spray into the nebuliser and swirl it gently. Please do not nebulise the cleaning spray. Cleaning is now complete.

Optionally, you can then also swirl a little distilled water around the nebuliser – again, please do not nebulise it.

Afterwards, leave the nebuliser open to dry.



*Take
a deep
breath.*



Winter tips and storage

-  We recommend storing the inhaler at room temperature in winter to protect the battery.
-  Liquids should not be stored too cold, as their viscosity changes at low temperatures and they become thicker.
-  **Pro tip:** The BIBO Pulmifier® carry bag has a special insulated medication compartment that protects liquids from cold and heat.
-  Any remaining liquid may freeze in sub-zero temperatures. Please therefore make sure that the mask and the nebuliser are always completely dry.
-  Make sure all parts of the inhaler are sufficiently dry before packing them back into the carry bag or any other storage, as residual moisture encourages mould.
-  To prevent the controller's battery from deep-discharging if the device is used infrequently, we recommend charging it for 30 minutes from time to time.

Notices & mandatory information

Manufacturer and product information

Manufacturer: WLA Health & Care AG,
Löwenstrasse 16, 8280 Kreuzlingen, Switzerland.
bibo-pulmifier.com | hello@bibo-pulmifier.com

Product name

BIBO Pulmifier® Equine
Countries of manufacture: Germany and Ireland

Packaging

Our product packaging (one box in total) is made from FSC-certified cardboard from responsible sources.

Intended use

(Scope of application)

The BIBO Pulmifier® is an inhaler for horses and must therefore be used on horses only. The device turns a previously filled-in liquid into an aerosol mist that is delivered directly into the horse's airways. The choice of liquid to be nebulised is the sole responsibility of the operator and should, where appropriate, be agreed in advance with the responsible vet.

WLA Health & Care AG accepts no liability for damage to property or personal injury resulting from improper handling or from any use other than that described.

Safety instructions and warnings

Safe operation of the device requires thorough knowledge of and strict compliance with this quick start guide. Responsibility for the proper functioning of the device passes to the user as soon as the device is tampered with by third parties or handled in a way that does not correspond to its intended use.

Foreseeable misuse

The safety of people, animals or property may be at risk under the following conditions:

- Repair, cleaning or maintenance work is not carried out in accordance with this quick start guide.
- Work on electrical components is carried out by persons without the appropriate qualifications.
- The safety instructions and warnings in this quick start guide are not observed.
- The controller is charged with a power supply other than the one supplied by WLA.

Further measures to prevent injury to people or animals and damage to property

Only use the BIBO Pulmifier® in well-ventilated places that are free from electromagnetic interference. Get your animal used to the inhaler beforehand to avoid panic reactions. Do not leave your animal unattended during use.

Operating conditions

The BIBO Pulmifier® is designed for operation at ambient temperatures from 5 °C to 45 °C and a relative humidity of up to 95%. Please make sure that the device is only operated within this temperature and humidity range to ensure correct functioning.

Storage & transport

Temperatures from -20 °C to +60 °C at a relative humidity of 15 to 95% are permitted for storage and transport. We recommend using a suitable protective cover or bag to transport the BIBO Pulmifier®. If your set includes a carry bag, please use it – it has been specially designed for the safe and protected transport of the device. If no carry bag is included, make sure that the transport solution you choose offers adequate protection against impact, moisture and dirt.

Guarantee and statutory rights

From the date of invoice, we grant the following guarantee on the BIBO Pulmifier®:

- BIBO Pulmifier® mask (PE PureFit or Cordura® SoftFit) – 12-month guarantee
- BIBO Pulmifier® nebuliser – 6-month guarantee
- BIBO Pulmifier® controller – 12-month guarantee
- BIBO Pulmifier® valves – 12-month guarantee
- BIBO power supply (Friwo FW8000MUSB/05) – 12-month guarantee

Accessories such as the BioThane® strap, the neoprene sleeve, the USB-C charging cable, the laundry bag, the carry bag and any other additional products included are excluded from the guarantee.

Damage caused by improper handling or use for purposes other than those intended is always excluded from the guarantee. The guarantee also becomes void if the device is tampered with or manipulated by unauthorised persons. The guarantee likewise becomes void if the controller is charged with a power supply not supplied by WLA.

The guarantor is WLA Health & Care AG, Löwenstrasse 16, 8280 Kreuzlingen, Switzerland. This guarantee applies within the EU economic area.

To make a guarantee claim, please contact us by email at hello@bibo-pulmifier.com. Please have your invoice and the serial number of the product concerned to hand. Your statutory rights in respect of defects apply independently of this guarantee and are not restricted by it. Exercising these statutory rights is free of charge for you.

Quick help



No nebulisation?

Nebuliser connected?

Medication filled in?

Battery charged?



Yellow caution triangle?

Check the device and the connection.



Device switches off?

Standby: 3 minutes

Pause: 10 minutes

After maximum run time:
60 minutes



For questions, tips and tricks

feel free to use the chatbot on our website.

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