

b_nfoot Air Easy



Instructions for use

Issue 02/2026

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Dear Customer,

Thank you for the trust you have placed in us by purchasing the Air Easy suction unit. The appliance is manufactured and tested according to strict quality criteria.

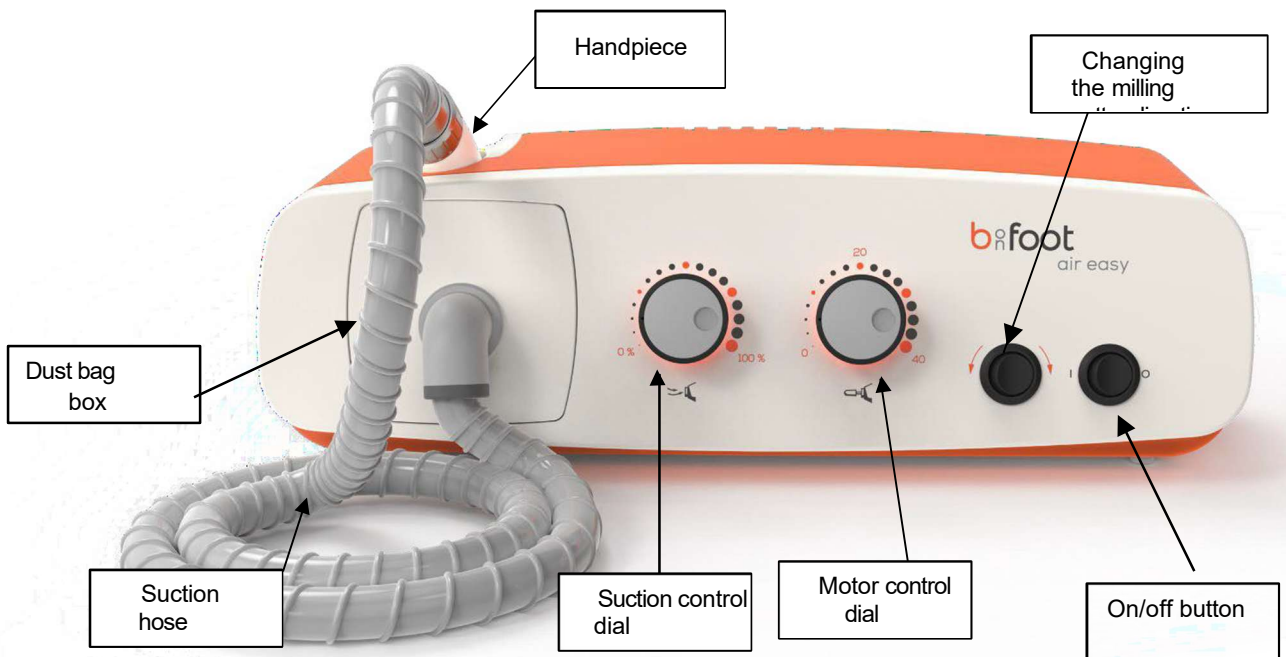
During the development of the Air Easy suction unit, particular emphasis was placed on simpler operation, compact dimensions and low weight. The device works with an electronically commutated micromotor, which enables high performance with a light and slim handpiece.

Please read these instructions for use carefully before using the appliance for the first time. It contains important information on safety, use and maintenance of the appliance. This will protect you and others and prevent damage to the appliance.

We wish you every success and unalloyed pleasure with your Air Easy suction device





Yours
Bahner Feinwerktechnik GmbH

1. Device description





2. Explanation of symbols used

On the rating plate of the appliance:

	Operating instructions
	Reference to declaration of conformity
	Symbol for labelling electrical and electronic equipment in accordance with § 7 ElektroG
	Applied part of type BF. [Applied part insulated from earth]
IPX0	No special protection against moisture ingress (IP= International Protection).

In the instructions for use:


	This symbol refers to special instructions or prohibitions for damage prevention. This information is intended for occupational safety.
	This symbol is placed in front of particularly important information on compliance with regulations or when there is a risk of damage to property.

3. Scope of delivery

The following components are included in the scope of delivery:

- 1 piece Suction unit with connected motor handpiece Mains
- 1 piece cable
- 1 piece Service pack
- 1 piece Spare dust bag

If any of the parts are missing, please file a complaint with your supplier.

	Carefully keep the shipping carton including the padded insert. In the event of maintenance or repair, the original packaging must be used for transport. Please also note that Bahner Feinwerktechnik GmbH will not be liable for any damage resulting from failure to observe these instructions.
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4. Area of application

The Air Easy suction device is intended for use in the fields of cosmetics, foot care, pedicures and manicures. The motorised handpiece is used to rotate instruments such as cutters, drills and grinding tools. These instruments can be used to remove calluses, calluses, nails etc. quickly and effectively. You can also grind, clean and polish nails. The device is intended exclusively for commercial use.

5. Requirements for the operator

The Air Easy suction device may only be used by trained and instructed chiropodists, podiatrists, beauticians and nail designers who are familiar with its operation and have the appropriate training.

6. Personal and client protection

The device may only be opened by the manufacturer or by specialist personnel authorised by the manufacturer. Modifications to the appliance are not permitted.

Only operate the appliance if it is in perfect working order.
The appliance may only be used for its intended purpose.

Place the appliance at a sufficient distance from other electrical appliances. Moisture can lead to electric shock.

After each use and before each change of client, the instruments must be disinfected, cleaned or sterilised in accordance with the instrument manufacturer's instructions. This will prevent the possible transmission of germs to subsequent clients.

After each use and before each change of client, all surfaces of the motorised handpiece must be disinfected (make sure that no liquid penetrates the motorised handpiece during this disinfection).

During use, the operating personnel should wear protective gloves, safety goggles and mouth and nose protection.

Only use instruments that are approved for the maximum speed of the handpiece according to the manufacturer's instructions.

Ensure that hair cannot get caught in the rotating parts (cutters or similar) while working with the device. Wear a hair net if necessary.

7. Safety instructions

Ensure that your power supply matches the specified nominal voltage of the extraction unit. The electrical wiring system must be effectively earthed and the installation must comply with all relevant regulations.

Caution: To avoid the risk of electric shock, this appliance may only be connected to a supply conductor with a protective earth conductor

Only use smooth-running, undamaged rotating instruments. This will prevent damage to the handpieces.

Only use non-rusting instruments when working with the motorised handpiece. Disconnect the mains plug before starting maintenance work.

Please note that the use of electrical accessories, motors and cables (e.g. motor cables) other than those intended by the manufacturer, as well as electrical devices in the immediate vicinity, can lead to increased emission of interference radiation or reduced interference immunity of the device.
Please observe the additional safety instructions in the individual chapters.

8. Commissioning

- Place the appliance securely in a suitable position.
- Plug the mains cable into the mains socket on the appliance. Plug the mains connection cable into an easily accessible socket and check that the ON/OFF switch is in the 0 position.
- Press the ON/OFF switch to switch the appliance to operating mode.
- The LED under the speed and suction indicator lights up, signalling that the Air Easy suction device is ready for operation.
- Turn the rotary knobs to regulate the extraction power and motor speed.
- The appliance is switched off again by pressing the ON/OFF switch or unplugging the mains plug.
- If you change location (appliance has been disconnected from the mains), the above procedure is repeated.

9. Operating the Air Easy extraction unit

The Air Easy extraction unit has buttons and rotary knobs on its front panel that can be used to call up its functions.

9.1. Operating the motor handpiece

A total of 1 button and 1 controller are responsible for operating the handpiece motor. The current speed and direction of rotation is shown by dots on the speed display. 0/ 20,000/ 40,000 and the change between clockwise and anti-clockwise rotation.

Meaning of the buttons & displays:



Micromotor - Speed +/-

The rotary knob increases or decreases the speed of the micromotor. The lowest adjustable speed is 3,000 rpm, the highest adjustable speed is 40,000 rpm. The speed adjustment is infinitely variable.



Changing the direction of rotation

Change between clockwise and anti-clockwise rotation.



Please always observe the maximum speeds specified by the manufacturer for the milling cutter currently in use. Do not exceed these specifications under any circumstances, as you could endanger yourself and your client.

9.2. Operating the suction unit

A rotary control is responsible for controlling the suction unit. The current suction power is shown by dots on the suction display. 0% and 100% represent the suction power on the scale.

Meaning of the rotary control:



Suction ON/OFF

Use this rotary knob to regulate the extraction power. The suction power is adjusted continuously. 0%= Off 100%= Full power.

9.3. Overload protection

If the motor stalls due to overload (e.g. the cutter becomes entangled in a towel), the handpiece motor is switched off.

Set the speed to zero using the rotary control. Remove the cause of the blockage. Wait briefly so that you can continue working as usual.

9.4. Changing the rotary instruments

The rotary instruments (milling cutters) are replaced when the motor is at a standstill.

Insert the shaft of the instrument into the handpiece tip as far as it will go.
The shaft of the inserted instrument is automatically clamped when the motor is switched on.



Only milling cutters with a shank diameter of 2.35 mm (+0 to - 0.016 mm) may be used (HP shank).

Never run the motorised handpiece without the milling cutter inserted.

If the milling cutter cannot be inserted easily, tap the switched-off micromotor with the tip of the handpiece against the heel of your hand several times. This will release the dowel pins and you can reinsert the cutter without any problems.

9.5 Changing the dust bag

The sanding dust extracted around the handpiece is transported into the dust box of the device via the extraction hose. There it is collected in a special dust bag. The dust bag of the appliance must be replaced when the dust bag is full or when the suction power is no longer sufficient



Never operate the appliance without a dust bag!



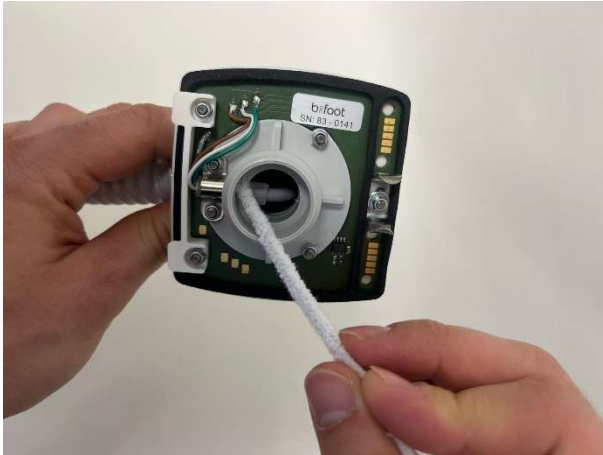
Step 1:

Open the dust box cover by pulling the hose bend at the top of the appliance slightly forwards and downwards.

Then carefully pull the dust bag out of the appliance together with the dust box cover.

Now remove the full dust bag from the cable suction tube.

You should wear mouth and nose protection, as the sanding residue can be hazardous to your health!



Step 2:

Every time you change the dust bag, you should also remove any debris from the suction elbow on the lid of the dust box. Use the pipe cleaner from the service set for this.



Step 3:

Attach the new dust bag to the cable suction pipe. Make sure that the dust bag clicks into place on the cable suction tube.



Step 4:

Now push the new dust bag into the appliance. The lid is then first hooked in at the bottom and then snapped into place at the top of the appliance.

10. Maintenance and disinfection

All maintenance and disinfection activities that should be carried out at regular intervals can be found on the following pages.

The monitoring authorities (e.g. health authorities) may require proof of the activities carried out.

Our tip: Plan your maintenance and disinfection intervals! Enter these dates in your practice calendar or keep a maintenance record sheet in which the dates are listed and the activities can be confirmed by you.

10.1. Cleaning and disinfection

The plastic housing, the front panel of the device and the motor handpiece including the hose are best kept clean with a damp cloth with a bacteria-reducing effect (e.g. Microbac Tissues).

For disinfection, please use a disinfectant such as Microbac forte or Bacillol AF. Wipe the device and the handpiece, including the hose, with a cloth moistened with the disinfectant.

Never spray disinfectant directly onto the device or device parts!

The use of disinfectants can result in a slight lightening or matting of the surfaces, which has no effect on the function or safety of the appliance.



Recommendations on the frequency of disinfection:

After each treatment

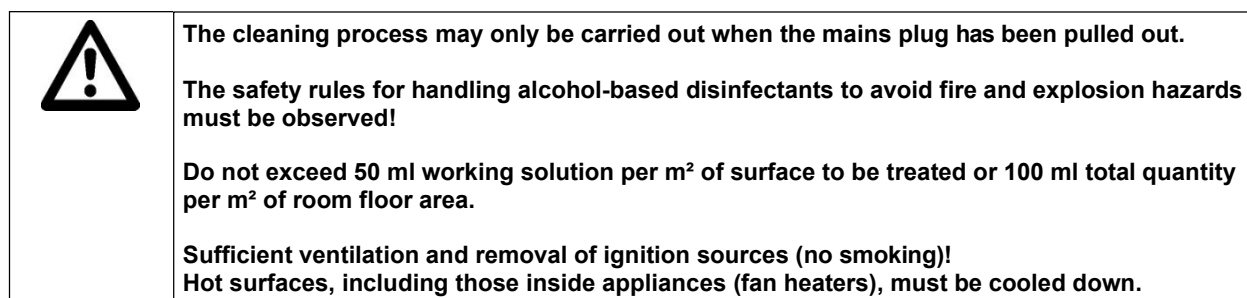
- Wipe the handpiece, hose and keypad of the device and all parts that have been touched during treatment with a disposable disinfectant wipe.

Daily disinfection

- In the case of visibly contaminated surfaces, disinfect the surfaces immediately after treating the client and wait for the disinfectant to take effect.

Weekly routine disinfection

- Wipe disinfection of all surfaces, all objects, devices, buttons, levers and switches in the client room.
- Hand contact points in particular must be disinfected.



Further information on disinfection

Rotating instruments used must be cleaned in accordance with the manufacturer's instructions

The following links provide corresponding instructions / notes.

Note: In some cases, different regulations apply in the federal states



http://www.rki.de/DE/Home/homepage_node.html



<http://www.zfd.de/>



<https://www.meisinger.de/index.php/Home.html>



<http://www.lukas-erzett.com/>




<http://www.premusa.com/home/default.asp>




<http://www.mtdental.com/htmls/home.aspx>



Small amounts of dust and dirt can enter the handpiece during operation. If the dirt solidifies and accumulates, it can impair the function of the handpiece and even damage it permanently. It is therefore essential to remove and clean the clamping device regularly.

	<p>We recommend cleaning the clamping device <u>monthly</u>.</p> <p>Set up a fixed appointment for cleaning your handpiece. This will only take a little time, but will give you and your clients peace of mind and protect this important component from damage. If, after a certain period of use, it becomes apparent that little dirt accumulates, the cleaning interval can also be extended.</p>
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	<p>Pull out the mains plug!</p> <p>This cleaning process may only be carried out when the mains plug is disconnected.</p>
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10.2. Cleaning the automatic tensioning device

If, despite all design measures, the milling cutter clamping device no longer works properly, the clamping function can easily be restored by a simple cleaning process.

Disconnect the appliance from the power supply and follow the sequence of cleaning steps:



Step 1:

Start by loosening the connection by unscrewing the union nut to the right.



Step 2:

**Release the motor by pushing it out of the housing.
Tip: Apply pressure from the milling cutter side.**



Step 3:

Detach the inside of the handpiece from the motor housing by unscrewing it to the left.



Step 4:

You will now need the tool supplied to remove the inside of the handpiece further to be able to take it apart. Unscrew the inner nut with the universal spanner.



Step 5:

Remove the nut and the inner parts of the motor. By applying pressure with the supplied test cutter, you can push the upper shaft with bearing downwards and at the same time loosen the sealing cap.



Step 6:

Make sure that the dowel pins on the last part of the tensioning bed do not fall out in an uncontrolled manner. Remove the dowel pins from the notches. You have now completely dismantled the handpiece and can clean it properly.



Step 7:

After cleaning, reassemble the handpiece in reverse order.

11. Fault analysis

This analysis should help you to rectify any minor problems yourself. If the recommended measures are not successful, please contact Bahner Feinwerktechnik GmbH.

Problem	Cause	Action
Motor blocked, e.g. due to overload.	Instrument becomes entangled in a towel or work coat, for example.	Remove the cause of the blockage and then switch the motor on again using the <i>ON/OFF button</i> .
Air Easy suction unit not working.	Air suction unit not connected.	Plug the mains plug into the socket.
	Connecting socket without power.	Check the fuse/circuit breaker of the power supply.
The suction power is low.	The dust bag is full.	Change the dust bag. Multiple use is not permitted for reasons of hygiene



Caution Mains voltage!

The appliance may only be opened by the manufacturer or authorised specialist personnel.

12. Technical data

Operating voltage:	85VAC to 264VAC / 47-63 Hertz
Protection class:	I / IPX0
Storage temperature:	+10°C - +35°C
Operating temperature:	10°C - 35°C
Operating temperature:	After transport or storage below the specified operating temperature, the device should be acclimatised at room temperature for approx. 30 minutes due to possible condensation
	56 dB (without ambient noise)
	90%
Volume at full power:	max. 120 VA / in standby mode max. 4 VA /Power off< 0.3VA Infinitely
Maximum rel. humidity:	adjustable 3,000 rpm to 40,000 rpm
Power consumption:	Our micromotor is brushless commutated and therefore has a higher output, generates less heat and is virtually wear-free!
Micromotor speed range:	Infinitely variable up to 155 l/min better than -5/+15%
Extraction power adjustable: Accuracy of extraction power:	W x H x D= 375 x 120 x 150 mm Length of handpiece / hose unit 1600 mm
Dimensions:	Device including handpiece 2000 g Handpiece 160 g,
Weight:	

Bahner Feinwerktechnik GmbH reserves the right to make technical and optical changes to its products at any time and without prior notice.

There are no known electromagnetic interactions between this device and other devices.

13. Warranty

Dear customer

Dear customer,

You have made a good choice with the Air Easy suction device. Our devices are supplied under and are characterised by high quality, functional reliability and a long service life.
long service life.

The warranty period is 12 months from handover of the item to the buyer. § 479 BGB remains unaffected.

To make it easier to understand, here is a brief overview of the two terms "warranty" and "guarantee".

Warranty:

From 1 January 2002, the new EU Directive 1999/44 came into force, which, among other things, regulates the statutory warranty period. Warranty is therefore prescribed by law and includes, among other things, the right to rectification. The buyer therefore has the right to assert claims for new purchases from 2002 onwards if the goods prove to be defective from the outset. The decisive factor here is that the defect was already present when the goods were handed over.

The warranty does not extend to natural wear and tear or damage resulting from incorrect or negligent handling, excessive use or due to particular external influences that are not assumed under the contract, or to non-reproducible software errors.

In order to be able to assess this, we require the defective product in its original condition (not disassembled). Further claims, in particular for compensation for direct or indirect damage, are excluded.

Warranty:

A guarantee is a voluntary service provided by the seller or manufacturer in addition to the warranty; the content of the guarantee service is therefore not prescribed by law. The guarantee includes the elimination of material defects by repair or replacement.

In common parlance, any liability for defects in a purchased item is referred to as a guarantee. This is not correct. The change in the law only affects the warranty regulation.

Please read these operating instructions carefully before using the appliance. This will help you to avoid operating errors.

What to do in the event of damage?

Please contact the service department at Bahner Feinwerktechnik GmbH, who will be happy to provide you with advice and assistance.

14. Disposal instructions

Do not dispose of the device with household waste!

According to the Directive 2002/96/EC (WEEE - Directive on Waste Electrical and Electronic Equipment) applicable in the EU countries, this product must be recycled after use.

Information on this can be obtained from the local collection centres for waste electronic equipment!

EG-KONFORMITÄTSERKLÄRUNG / DECLARATION OF CONFORMITY

We / We

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declare on our own responsibility that / declare on our own responsibility that

das Produkt der Marke / the device of the brand

b-on-foot / b-on-foot

Name / name

Air easy / Air easy

Device type: / Purpose of equipment:

Fuß- und Kosmetikpflegegerät / Foot and cosmetic care device

Ab Seriennummer / from Serial no.

89-230001

*in accordance with the EU-Directives for /
in accordance with the EU-Directives for*

*Electromagnetic Compatibility 2014/30/EC /
Electromagnetic Compatibility Directive 2014/30/EC*

*Machinery Directive 2006/42/EC / Machinery Directive 2006/42/EC.
Machinery Directive 2006/42/EC.*

The product is in accordance to the following standards:

The product is in accordance to the following standards:

EN 55014-1

EN 55014-1

EN 61000-3-2

EN 61000-3-2

EN 61000-3-3

EN 61000-3-3

EN 60335

EN 60335

Munich den, 01.09.2023



Axel Bahner Managing Director