

b_{ri}foot Air Easy Akku

Instruction manual



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Dear Customer,

thank you for placing your trust in us with the purchase of the Air Easy Akku suction device. The device is manufactured and tested according to strict quality criteria.

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

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

We wish you every success and enjoyment with your Air Easy Akku suction device.

Yours sincerely,





Bahner Feinwerktechnik GmbH

1. Device description





2. Explanation of symbols used

On the device's type plate:

	user manual
	Reference to declaration of conformity
	Symbol for identifying electrical and electronic equipment in accordance with Section 7 of the German Electrical and Electronic Equipment Act (ElektroG)
	Type BF application part. [Application part isolated from earth]
IPX0	No special protection against moisture penetration (IP = International Protection).

In the instructions for use:


	This symbol indicates special information or rules and prohibitions for damage prevention. These instructions serve to ensure occupational safety.
	This symbol indicates particularly important information regarding 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 device with connected motor handpiece
- 1 piece charger
- 1 piece service pack
- 1 piece replacement dust bag

If any of the parts are missing, please contact your supplier.

	Carefully store the shipping carton, including the padding 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 comply with this instruction.
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4. Scope of application

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

5. Requirements for the operator

The Air Easy Akku suction device may only be operated by trained and instructed chiropodists, podiatrists, beauticians, and nail designers who are familiar with how it works and have received appropriate training.

6. Protection of staff and clients

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

Only operate the device when it is in perfect condition.

The device is only to be used for its intended purpose.

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

After each use and before each client change, the instruments must be disinfected, cleaned, or sterilized according to the instrument manufacturer's instructions. This prevents the possible transmission of germs to subsequent clients.

After each use and before each client change, all surfaces of the motor handpiece must be disinfected (make sure that no liquid penetrates the motor 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 into 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 rated voltage of the suction device. The electrical wiring must be effectively grounded, and the installation must comply with all relevant regulations.

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

Only use round, undamaged rotating instruments. This will prevent damage to the handpieces.

When working with the motor handpiece, use only stainless instruments. Disconnect the power plug before starting maintenance work.

Please note that the use of electrical accessories, motors, and cables (e.g., motor cables) other than those specified by the manufacturer, as well as electrical devices located in the immediate vicinity, may lead to increased emission of interference radiation or reduced interference immunity of the device.

Please observe the additional safety instructions in the individual chapters.

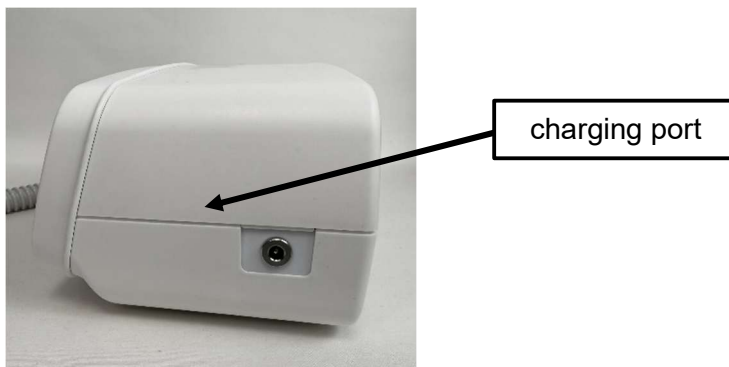
8. Commissioning

8.1. General information

- Place the device securely in a suitable position.
- Set both rotary knobs to the 0 position. Press the ON/OFF switch to put the device into operating mode.
- The LED below the speed and suction display lights up, indicating that the Air Easy Akku suction device is ready for operation.
- Turn the rotary knobs to adjust the suction power and motor speed. Suction only starts when the motor speed is greater than 0.
- Press the ON/OFF switch to switch the device off again.
- If you change location, repeat the above procedure.

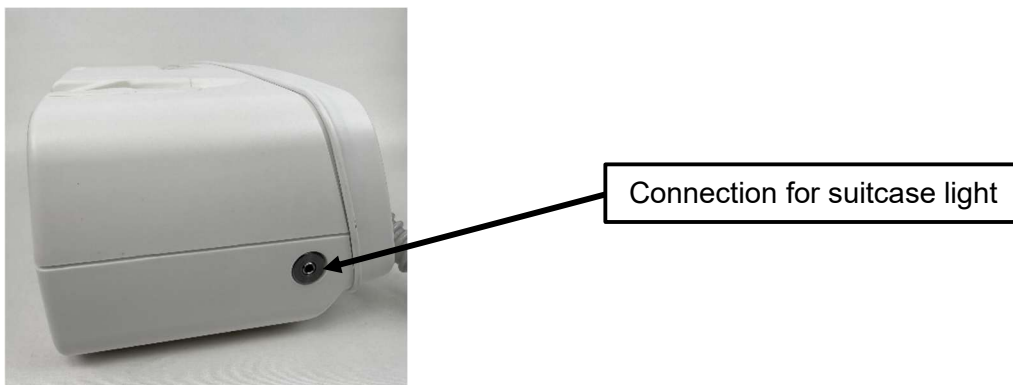
8.2. Charging the device

- The LED rings light up during charging. When the battery is fully charged, the LED rings are closed and light up continuously.
- One battery charge is sufficient for approx. 24 applications of 10 minutes each.
- The charging time when the battery is fully discharged is approx. 6 hours.
- When the battery capacity reaches 20%, the LED rings begin to pulse. Charge the device immediately!
- If the battery is completely empty, the device can continue to be operated using the charger supplied.



8.3. Connection for suitcase light

After plugging in the suitcase light and switching on the device, the suitcase light begins to shine.



9. Operating the Air Easy Akku extraction device

The Air Easy Akku suction device has buttons and knobs on its front panel that can be used to access its functions.

9.1. Operation of the motor handpiece

A total of 1 button and 1 control are used to operate the handpiece motor. The current speed and direction of rotation are indicated by dots on the speed display. 0/ 20,000/ 40,000 and the change between clockwise and counterclockwise rotation.

Meaning of buttons & indicators:



Micromotor - rotational speed +/-

The rotary knob increases or decreases the speed of the micromotor. The lowest adjustable speed is 3,000 rpm, and the highest adjustable speed is 40,000 rpm. The speed can be adjusted continuously.



Change in direction of rotation

Switch between clockwise and counterclockwise rotation.



Please always observe the maximum speeds specified by the manufacturer for the burr you are using. Do not exceed these specifications under any circumstances, as you could endanger yourself and your client.

9.2. Operation of the extraction unit

A rotary control is used to control the suction unit. The current suction power is indicated by dots on the suction display. 0% and 100% represent suction power on the scale.

Meaning of the rotary control:



Suction ON/OFF

Use this knob to adjust the suction power. The suction power can be adjusted continuously. 0% = Off 100% = full power.

9.3. Overload protection

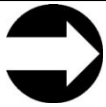
If the motor jams due to overload (e.g., the bur gets tangled in a towel), the handpiece motor will shut down.

Set the speed to zero using the rotary control. Remove the cause of the jam. Wait a moment before continuing to work as usual.

9.4. Changing rotating instruments

The rotating instruments (milling cutters) are replaced when the motor is not running. 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 burs with a shank diameter of 2.35 mm (+0 to -0.016 mm) may be used (HP shank).

Never run the motor handpiece without a burr inserted.

If the burr does not insert easily, tap the switched-off micromotor several times against the palm of your hand with the tip of the handpiece. This will loosen the clamping pins and you will be able to insert the burr again without any problems.

9.5 Changing the dust bag

The grinding dust extracted around the handpiece is transported through the extraction hose into the dust container of the device. There it is collected in a special dust bag. The dust bag of the device must be replaced when it is full or when the extraction power is no longer sufficient.



Never operate the device without a dust bag!



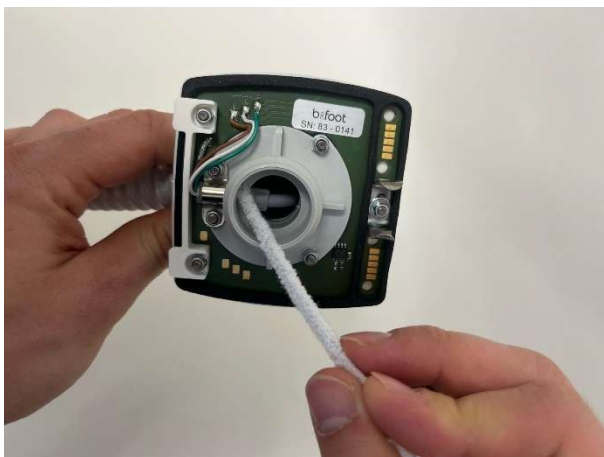
Step 1:

Open the dust box lid by pulling the hose elbow at the top away from the device, slightly forward and downward.

Then carefully pull the dust bag out of the device together with the dust box lid.

Now pull the full dust bag off the cable suction tube.

You should wear a mouth and nose mask when doing this, as the grinding residue can be hazardous to your health!



Step 2:

Each time the dust bag is changed, any deposits should also be removed from the suction manifold on the lid of the dust box. Use the pipe cleaner from the service set for this purpose.



Step 3:

Attach the new dust bag to the cable suction tube. Please ensure that the dust bag clicks into place on the cable suction tube.



Step 4:

Now slide the new dust bag into the appliance. Then hook the lid onto the bottom first and snap it 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.

Proof of the activities carried out may be required by the supervisory authorities (e.g., health authorities).

Our tip: Plan your maintenance and disinfection intervals! Enter these dates in your practice calendar or keep a maintenance record sheet listing the dates and allowing you to confirm the activities.

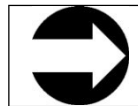
10.1. Cleaning and disinfection

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. The device and handpiece, including the hose, can be wiped down with a cloth moistened with the disinfectant.

Never spray disinfectant directly onto the device or any of its parts!

The use of disinfectants may cause slight lightening or matting of the surfaces, which has no effect on the function or safety of the device.



Avoid aggressive solvents, acids, and alkalis at all costs.

Recommendations on the frequency of disinfection:

After each treatment

Wipe the handpiece, hose, and keyboard of the device, as well as all parts that were touched during treatment, with a disposable disinfectant wipe.

Daily disinfection

In the case of visibly contaminated surfaces, the surfaces must be disinfected immediately after treating the client and the respective exposure time of the disinfectant must be observed.

Weekly routine disinfection

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



The cleaning process may only be carried out when the device is switched off.

The safety rules for handling alcoholic disinfectants must be observed to avoid fire and explosion hazards!

Do not exceed 50 ml of working solution per m² of surface area to be treated or 100 ml total amount per m² of floor space.

Ensure adequate ventilation and remove sources of ignition (no smoking)!

Hot surfaces, including those inside devices (fan heaters), must be allowed to cool down.

Further information on disinfection

The cleaning of the rotating instruments used must be carried out in accordance with the manufacturer's specifications.

The relevant instructions/information can be found at the following links.

Note: In some cases, different regulations apply in different 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>



Während des Betriebs können geringe Mengen Staub und Schmutz in das Handstück eindringen. Wenn der Schmutz sich verfestigt und anlagert, kann er die Funktion des Handstücks beeinträchtigen und dieses sogar dauerhaft beschädigen. Daher ist es unbedingt notwendig die Spannvorrichtung regelmäßig zu demontieren und zu reinigen.



Wir empfehlen die Spannvorrichtung monatlich zu reinigen.

Richten Sie sich einen festen Termin für die Reinigung Ihres Handstückes ein. Das kostet nur wenig Zeit, bringt Ihnen und Ihren Klienten aber Sicherheit und schützt dieses wichtige Bauteil vor Beschädigungen. Sollte sich nach einer gewissen Anwendungsdauer herausstellen, dass sich eher wenig Schmutz ansammelt, kann das Reinigungsintervall auch verlängert werden.



Netzstecker ziehen!

Dieser Reinigungsvorgang darf nur ausgeführt werden, wenn der Netzstecker gezogen ist.

10.2. Cleaning the automatic clamping device

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

Switch off the device and follow the cleaning steps in the order listed:



Step 1:

Start loosening the connection by turning the union nut clockwise.



Step 2:

Remove the motor from the housing by pushing it out. Tip: Apply pressure from the cutter side.



Step 3:

Detach the handpiece interior from the motor housing by turning it to the left.



Step

4:

Now you need the tool supplied to further disassemble the handpiece interior. Loosen the inner nut with the universal wrench.



Step 5:

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



Step 6:

When removing the last part of the clamping bed, make sure that the clamping pins do not fall out uncontrollably. Remove the clamping pins from the notches. You have now completely disassembled the handpiece and can clean it properly.



Step 7:

After cleaning, reassemble the handpiece in reverse order.

11. Error analysis

This analysis is intended to help you resolve any minor problems that may arise yourself. If the recommended measures are not successful, please contact Bahner Feinwerktechnik GmbH.

Problem	Cause	measure
Motor blocked due to overload, for example.	Instrument becomes entangled in a towel or work coat, for example.	Please remove the cause of the blockage and then switch the motor back on using the ON/OFF button.
Air Easy Akku vacuum cleaner not working.	Battery discharged.	Charge the battery using the charger.
The suction power is weak.	The dust bag is full.	Replace the dust bag. Reuse is not permitted for hygienic reasons.
The engine will not start or is misfiring.	The rotary knobs are not in the 0 position.	Set both knobs to 0 and try again.



Caution: mains voltage!
The device may only be opened by the manufacturer or by authorized personnel.

12. Technical data

operating voltage:	12-22 AC voltage
Protection class:	III / IPX0
Storage temperature:	+10°C - +35°C
operating temperature:	10°C - 35°C After transport or storage below the specified operating temperature, the device should be acclimatized at room temperature for approximately 30 minutes to prevent condensation.
Maximum volume:	56 dB (without background noise)
Maximum rel. humidity:	90%
Power consumption:	max. 120 VA / in Stand-by Mode max. 4 VA /Power off < 0,5VA
Speed range of micromotor:	Continuously adjustable 3.000 R/min to 40.000 R/min Our micromotor is brushless commutated, which means it has higher performance, generates less heat, and is virtually wear-free!
Suction power - adjustable volume flow:	Continuously adjustable up to 200 l/min
Accuracy of suction power:	better than -5/+15%
Runtime at 100% battery capacity:	ca. 240 min
dimensions:	W x H x D = 375 x 120 x 150 mm Length of handpiece/hose unit 1600 mm
Weight:	Device including handpiece and battery 3000 g, of which handpiece 160 g; external charger 670g

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

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

13. Warranty

Dear Customer,

You have made a good choice with the **Air Easy Akku** extraction device. Our devices are produced under constant production control and are characterized by high quality, functional reliability, and long service life.

The warranty period is 12 months from the date of delivery to the buyer. § 479 BGB (German Civil Code) remains unaffected.

For easier understanding, here is a brief overview of the two terms “warranty” and “guarantee.”

Warranty:

On January 1, 2002, the new EU Directive 1999/44 came into force, which, among other things, regulates the statutory warranty period. The warranty is therefore required by law and includes, among other things, the right to repair. The buyer thus has the right to assert claims for new purchases made 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 cover natural wear and tear or damage resulting from incorrect or negligent handling, excessive strain, or special external influences not covered by the contract, as well as non-reproducible software errors.

In order 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.

Guarantee:

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

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

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

What should I 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 in household waste!

According to Directive RL2002/96/EC (WEEE - Directive on Waste Electrical and Electronic Equipment) applicable in EU countries, this product must be recycled after use.

Information on this can be obtained from local collection points for old electronic devices!

EG-KONFORMITÄTSERKLÄRUNG / DECLARATION OF CONFORMITY

Wir / We

Bahner Feinwerktechnik GmbH
Bayerwaldstraße 35a
D-81737 München
Tel.: +49 (0) 89 / 630255-0
Fax: +49 (0) 89 / 630255-19

erklären in alleiniger Verantwortung, dass / *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 ~~akku~~ / Air easy akku

Geräteart: / *Purpose of equipment:*

Fuß- und Kosmetikpflegegerät / *Foot-and Cosmetic care device*

Ab Seriennummer / *from Serial no.*

81-250001

gemäß den Bestimmungen der EG-Richtlinien über /
in accordance with the EU-Directives for

Elektromagnetische Verträglichkeit 2014/30/EG /
Electromagnetic Compatibility Directive 2014/30/EC

Maschinenrichtlinie 2006/42/EG entspricht. /
Machinery Directive 2006/42/EC.

Das Produkt ist konform mit den Normen:
The product is 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

München, 16.02.2026



Axel Bahner Geschäftsführer