

OPERATING INSTRUCTIONS SÜDA V PRO

Item no. 1998.30



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General safety instructions



The SÜDA V Pro is referred to as the device in the following.

- Before operating the device, be sure to read the operating instructions. Read the instructions carefully. They contain important information on safety during commissioning, use and maintenance of the device.
- The device may only be operated if it is in perfect technical condition and safe to use.
- Check the device for damage before each use.
- The device may only be used by trained specialist personnel.
- Only the manufacturer or personnel authorised by the manufacturer may open the device, unless explicitly instructed to do so in these instructions.
- Check the voltage (V) indicated on the type plate. The specified voltage must match the voltage provided by your power supply. Only then connect the device to the mains voltage.
- Ensure that the device is placed on a level and stable surface.
- The device may only be operated with the original power supply unit. An incorrect power supply unit may damage the device.
- Disconnect the power supply unit from the mains if you are not going to use the device for a long period of time.
- If the power cord is damaged, do not use the device.
- The power cord must not be pinched or kinked and must not come into contact with hot objects, such as a heater or lamp!
- If you notice that the power cord is damaged, switch off the device immediately. Disconnect it from the mains. Contact our customer service department. Do not use the device until you have received further information from customer service.
- Never pull the power cord out of the mains socket with wet hands. Do not pull on the power cord to remove the mains plug from the socket.
- Always disconnect the device from the power supply before cleaning it, changing components, reaching inside the device or changing the fuse.
- Always disconnect the device from the power supply before performing maintenance and cleaning work.
- The handpiece may only be unscrewed and opened when the device is switched off.
- If liquid or a foreign object gets inside the device, disconnect it from the mains immediately! Contact our customer service department. Do not use the device until you have received further information from customer service.

- Do not use the device in wet rooms. Do not pour liquids over the device or immerse it in liquids.
- The device is not intended for use by children or persons with reduced physical, sensory or mental capabilities or lack of experience or knowledge.
- Risk of injury! Never touch rotating instruments!
- Risk of injury! Ensure that hair, jewellery and loose clothing do<u>not</u> get caught in rotating parts.
- For your own safety, wear gloves, safety goggles and a face mask during treatment.
- Always use a face mask when grinding down fungal nails.
- Do not move the rotating instrument up and down (see Fig. 1).
- Only perform sideways movements with the rotating instrument.



Fig.1: Working with the rotating instrument

Further information

- The operating instructions are intended to ensure safe use of the device. Therefore, always keep the operating instructions for future reference. Keep them near the device and in a place that is accessible to all users.
- The product and instructions are intended for trained chiropodists.
- These instructions may cover the operation of functions that are only available with optional equipment.
- If the device has been transported, allow it to adjust to the ambient temperature before using it.
- Only use original accessories.
- After unpacking the device, check the contents against the list of items supplied to ensure that everything is complete and undamaged. If in doubt, please contact our customer service department.
- If there are ventilation slots, do not cover them. Do not cover the device or install it in any compartments.
- If you use the device in a manner other than that specified in the operating instructions, any warranty or guarantee provided by the manufacturer will be void. Misuse of the device is not permitted.
- Do not carry out any repairs or maintenance on the device that are not explicitly described in this operating manual.
- The device may only be operated with the dust bag inserted.
- The dust bag is a disposable item and must be disposed of properly after removal.
- Only use instruments and burs from IONTO Health & Beauty / SÜDA.
- Never use the handpiece when no rotating instrument is inserted.
- The clamping system in the handpiece is suitable for rotating instruments in accordance with DIN EN ISO 1797-1.
- Observe the maximum speed specified by the manufacturer of the rotating instruments.
- Only use intact rotating instruments with straight bur shanks and a shank diameter of 2.35 mm.
- Damaged rotating instruments can destroy ball bearings and other mechanical parts of the handpiece due to vibrations.
- To check the concentricity of a rotating instrument, we recommend using our bur test gauge (item no. 2695).
- Never use rotary instruments with rusty bur shanks. The adhering rust will render the clamping device unusable in the long term.
- Only insert dry rotating instruments into the handpiece.

Further information

- Ensure that the rotating instruments are switched off after use and before putting them down or changing them.
- Always disinfect and clean instruments and burs before using them for the first time.
- Disinfect, clean and, if necessary, sterilise instruments and burs after each use.
- Clean the handpiece regularly to ensure trouble-free operation.
- If you wish to switch the device off and on again, wait at least 10 seconds before switching it back on.

Contraindications

A CAUTION

RISK OF INJURY

- •Before each treatment with the foot care device, conduct a detailed consultation with the customer.
- Have the customer sign the completed contraindication form.

An inadequate medical history of the customer may lead to injuries during treatment.

1NFO

In case of doubt, always consult the treating specialist.

(i) INFO

In certain cases, the use of various technologies is generally contraindicated, locally limited or contraindicated until normal health has been restored.

Contraindication:

The foot care device must not be used to treat persons with the following conditions or characteristics:

- Malignant melanoma
- •Tumorous changes (carcinomas)
- •Open wounds and acute inflammation

Meaning of notices and symbols

Warnings



DANGER

•This is a text that provides a remedy.

This is a warning that indicates an imminent danger that could result in death or serious injury.



WARNING

•This is a text that provides a remedy.

This is a warning that indicates a potential hazard that could result in death or serious injury.



CAUTION

•This is a text that provides a remedy.

This is a warning that indicates a potential hazard that could result in minor or slight injury.

Notes

NOTE

NOTE

•This is a text that provides a remedy.

This is a note that indicates possible damage to the product.



This is an information text that contains helpful information.

Arrow types



This is a movement arrow. It indicates an independent movement of the product.



This is an action arrow. It indicates a movement or direction of movement that you should perform.

Symbols

Symbol	Symbol title	Symbol description
	Manufacturer	Indicates the manufacturer of the product in accordance with EU Directive 2017/745 (EU).
REF	Item number	Shows the manufacturer's item number so that the product can be identified.
SN	Serial number	Shows the manufacturer's serial number so that a specific product can be identified.
CE	CE mark	Indicates that the product complies with applicable regulatory requirements.
	Protection class	Indicates that the product has protection class II in accordance with IEC 61140.
IP20	Protection type: IP protection class 20	The product is protected against solid objects with a diameter greater than 12 mm.
===	Direct current	Indicates that the device is powered by direct current.
I	Fragile, handle with care	Indicates a product that may break or be damaged if handled carelessly.
—	Store in a dry place	Indicates a product that must be protected from moisture.
	Instructions for use Observe	Refers to the need for the user to consult the operating instructions.
	Disposal	If this symbol of a crossed-out wheelie bin is displayed on a product, this product is subject to the WEEE Directive 2012/19/EU and must not be mixed with conventional household waste. Separate collection systems exist for these products.

Symbol	Symbol title	Symbol description
	Temperature limita- tion	This indicates the temperature limits to which the product can be safely exposed.
%	Humidity limitation	Indicates the acceptable upper and lower limits of relative humidity for transport and storage.
□	Atmospheric pressure range	Indicates the acceptable upper and lower limits of atmospheric pressure for transport and storage.
	Hazard symbol	Alerts the user to a potential hazard if the relevant instruction is not followed.
	Application environ- ment	To identify equipment that is primarily intended for indoor use.
F©	FCC certification	Indicates that the power supply complies with applicable requirements.
C TUS E252331	UL approved component	Approval is granted as a component of a system
EN 60601-1 IEC 60601-1 WWW.tuv.com ID xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	TÜV Rheinland test mark	Indicates that the power supply unit complies with the applicable requirements.
(VI)	Level VI Specification	Indicates that the power supply complies with applicable requirements.
UK	UKCA certification	Indicates that the power supply complies with applicable requirements.
TÜV RT PS E	Battery-related certi- fication (for Japan)	Indicates that the power supply complies with applicable requirements.

Area of application



DANGER

•If serious incidents occur during use in connection with the product, these must be reported to the manufacturer immediately.

Immediate reporting of serious incidents helps to prevent further incidents.

This is a foot care device for the treatment of feet and hands.

When used as intended, the device does not come into contact with the persons being treated.

The treatment requires the use of rotating instruments (cutters/grinders). Depending on the application, a specific rotating instrument is used.

The device is intended for use by chiropodists. The device is used in chiropody practices and in outpatient chiropody. It is therefore designed for both stationary and mobile use.

Controls and connections

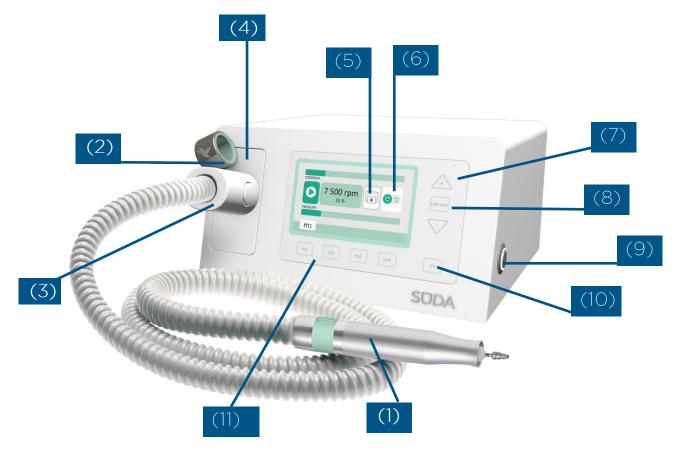


Fig.2: SÜDA V Pro

(1) Handpiece with suction hose	(2) Handpiece holder
(3) Removable hose connection	(4) Suction chamber cover
(5) Filter bag fill level indicator	(6) Rotor direction of rotation
(7) Rotation/vacuum setting	(8) Vacuum/rotation selection
(9) On-off switch	(10) Setting direction of rotation I/r
(11) Memory buttons m1-m4	

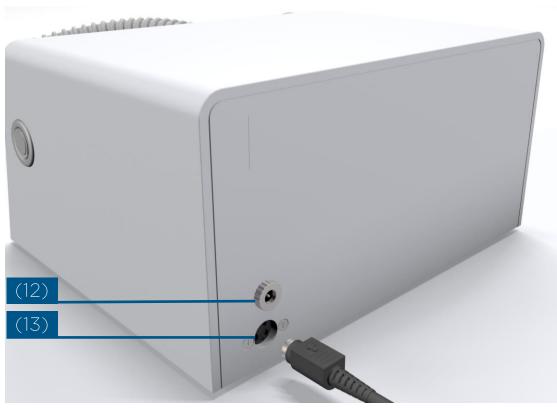


Fig.3: Connections on the rear of the device

(12) connection ss Foot switch

(13) Power supply connection

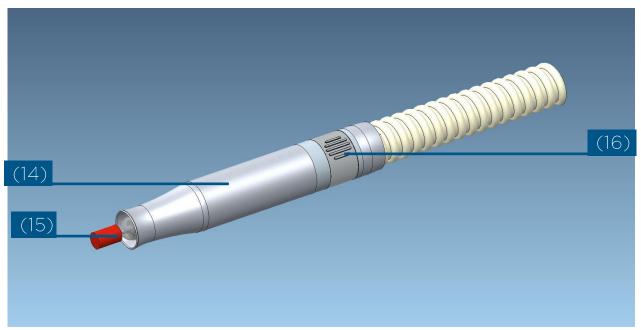


Fig.4: Handpiece

(14) Handpiece cover(15) Rotating instrument(16) Handpiece button

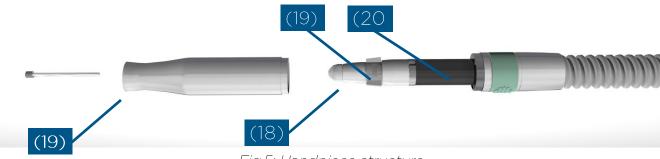


Fig.5: Handpiece structure

(17) Handpiece sleeve	(18) Centring ring
(19) Centring ring	(20) Handpiece motor

Symbols and their meanings on the display

Symbol	Explanation	Meaning
	Dust bag indicator	The symbol has a green border. The dust bag is not full.
	Dust bag indicator	The symbol is outlined in red. The dust bag is full. Please replace the dust bag.
© 0	Direction of rotation of the rotating instrument	The symbol indicates the direction of rotation of the rotating instrument. If the left arrow is lit, the direction of rotation is to the left.
0	Start	When the symbol lights up green, the handpiece is in operation.
0	Stop	If the symbol lights up red, the hand- piece is not in operation.

Commissioning

Setting up the device

How to set up the device:

- 1. Place the device on a flat, stable and heat-resistant surface.
- 2. Connect the optional foot switch to the connection on the rear of the device (Fig.3).

NOTE

DAMAGE OR MALFUNCTION OF THE DEVICE

Only connect the foot switch specified in the Accessories chapter to the device.

The use of incorrect accessories may result in damage or malfunction of the device.

NOTE

DAMAGE TO THE DEVICE

- Do not cover the device or install it in any compartments.
- The ventilation slots must remain unobstructed.

Improper commissioning of the device may result in damage to

The device is set up.

Connect the device to the mains voltage

NOTE

POWER LOSS OF THE FOOT CARE DEVICE

- Connect the device directly to a power supply.

Do not connect the device to a multiple socket.
 Improper use of the device may result in a loss of power.

To connect the device to the mains voltage:

- 1. Connect the mains cable to the power supply unit.
- 2. Plug the small mains plug into the power supply connection on the back of the device (Fig.3).
- 3. Connect the power plug of the power supply unit to a mains socket (100-240 V AC).

The device is now ready for use.

Connecting the handpiece

NOTE

DAMAGE TO THE SUCTION MOTOR

Only operate the device with the dust bag inserted.
 Improper handling of the device can lead to damage to the suction motor.



If the handpiece makes unusual noises or if you have dropped it, you should send it in for repair or purchase a new one.

Otherwise, proper treatment can no longer be guaranteed.

To connect the handpiece:

1. Attach a new dust bag to the dust bag connection on the handpiece.



Fig.6: Inserting the dust bag

1NFO

Ensure that the contacts on the handpiece are connected to the contacts on the suction chamber.



Fig.7: Contacting (blue arrows)

2. Press the buttons on the handpiece lock and insert the cover into the recess in the suction chamber.

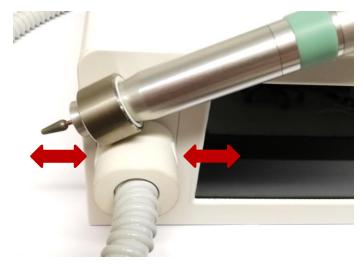


Fig.8: Direction of movement of the suction chamber lock buttons

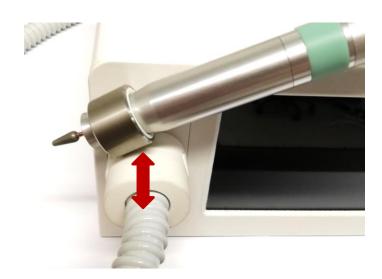


Fig.9: Direction of movement of the suction chamber cover

NOTE

HANDPIECE MALFUNCTION

- When inserting the suction chamber cover, ensure that the connection contacts are located on the underside of the cover.
 If the cover is inserted upside down, the handpiece will not function and the device cannot be used.
- 3. Lock the suction chamber cover to the handpiece with the suction chamber by releasing the buttons again. Ensure that the lock engages properly. To do this, the buttons must protrude completely from the recess again.

The handpiece is now connected.

Changing the dust bag

NOTE

DAMAGE TO THE DEVICE

- The finer the grinding dust, the faster the vacuum increases as the dust bag fills and the faster the display indicates that the dust bag is full.
- The device may only be operated with an empty dust bag.
- The fill level of the dust bag indicator must be checked at short intervals.

Improper handling of the dust bag can damage the device.

NOTE

DAMAGE OR MALFUNCTION OF THE DEVICE

Only use the dust bags specified in the Accessories chapter.
 Using the wrong dust bags can reduce suction power and filter effectiveness for sanding dust, and may even cause the device to fail.



The dust bag indicator symbol(25) is outlined in red when the dust bag is full.

To change the dust bag:

- 1. Remove the handpiece from the handpiece holder.
- 2. Ensure that the rotating instrument is switched off and place the handpiece in a safe place (see p. 25).



RISK OF INJURY

 Ensure that the handpiece is safely stored and secured against being switched on again.

Sudden and unexpected activation can cause injury when inserting/changing the rotating instrument.

3. Unlock the suction chamber cover by pressing the buttons on the locking mechanism and pulling the cover off the suction chamber.

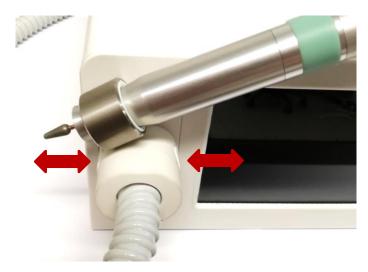


Fig.10: Direction of movement of the suction chamber lock buttons

- 4. Open the suction chamber cover.
- 5. Remove the full dust bag by pulling it out and replace it with an unused dust bag.



Fig.11: Inserting the dust bag

- INFO Ensure that the full dust bag is disposed of properly.
 - 6. Connect the handpiece to the suction chamber (see chapterConnecting the handpiece).
- info

 Ensure that the contacts on the handpiece are connected to the contacts on the suction chamber.

The dust bag has now been replaced.

Inserting/changing rotating instruments

M WARNING

RISK OF CONTAMINATION

Wear disposable medical gloves when inserting/changing rotating instruments.

Touching the rotating instrument without disposable medical gloves can lead to contamination of the sterile rotating instrument.



RISK OF INJURY

 Ensure that the handpiece is stored safely and secured against being switched on again.

Sudden and unexpected activation during insertion/change of the rotary instrument may result in injury.

To insert the rotating instrument:

- 1. Always wear disposable medical gloves when inserting/changing the rotating instrument.
- 2. Insert the selected sterile rotating instrument into the front opening of the handpiece.
- 3. Push the rotating instrument in as far as it will go.
- 4. The rotating instrument is now secured against falling out.
- 5. Set the parameters for the rotating instrument according to the manufacturer's instructions (see p. 25).

The rotating instrument is now ready for use.

To change the rotary instrument:

- 1. To change the rotary instrument, stop the treatment and switch off the rotary instrument (see p. 25).
- 2. Pull the rotating instrument to be changed out of the handpiece.
- 3. Insert the selected sterile rotating instrument into the front opening of the handpiece.
- 4. Push the rotary instrument in as far as it will go.
- 5. The rotary instrument is now secured against falling out.
- 6. Set the parameters for the rotary instrument according to the manufacturer's instructions (see p. 25).

The rotary instrument has been changed.

Apply the bur test gauge

(i) INFO

If you are unsure whether the shaft of a rotating instrument is bent, use the bur gauge.

How to use the bur gauge:

- 1. Hold the rotary instrument in one hand.
- 2. Take the bur gauge in your other hand.
- 3. Insert the shaft of the rotary instrument into the bur gauge until it stops.
 - If the shaft of the rotary instrument is straight, you will not feel any resistance during this process.
 - If the shaft of the rotating instrument is bent, it will be more difficult to insert into the bur gauge.

The bur gauge has been used.

First steps

NOTE

DAMAGE TO THE SUCTION MOTOR

Only operate the device with the dust bag inserted.
 Improper handling of the device can lead to damage to the suction motor.

To start up the appliance:

- 1. Switch on the device using the on/off switch(9) on the right-hand side.
- 2. Insert a new dust bag and connect the handpiece (see chapterConnecting the handpiece).
- 3. Optionally, connect the foot switch cable to the connection on the device(12).

The commissioning of your device is now complete.

operating mode



HEALTH HAZARD DUE TO VIBRATIONS

•Do not operate the device for longer than 24 minutes per day at a maximum speed of 40,000 rpm.

When operating the handpiece, vibrations are transmitted to the user's hand. Operating the handpiece at maximum speed for more than 24 minutes per day may have a negative effect on your health.

NOTE

MALFUNCTION OF THE DEVICE

 Be sure to check the functionality and settings of the device before each use.

Improper handling of the device can lead to malfunctions.

Switching on the device

To switch on the device:

- 1. Switch on the device using the on/off switch ((9)) on the right-hand side.
- 2. Set the desired vacuum and speed using the buttons "(7)" and "(8)". The desired direction of rotation can be set using the button "(10)" on the display. The arrow with the selected direction of rotation lights up green on the display "(6)".
- 3. Press the memory buttons m1-m4(11) to recall the preset settings.

The device is now ready for operation.

Switching off the device

To switch off the device:

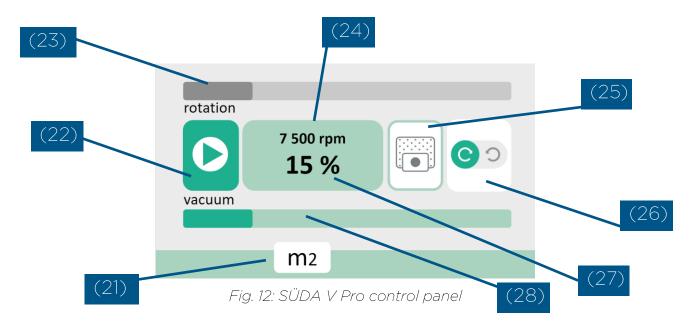
— Switch off the device using the on/off switch(9) on the right-hand side of the device by pressing it briefly.

The device is now switched off.

Setting the parameters

To set the parameters:

The setting of the memory button m2 is shown as an example (Fig. 12)



(21)	Memory button m2	(22) on	Handpiece motor switched
(23)	Rotation indicator bar	(24)	Rotational speed
(25)	Dust bag indicator	(26)	Direction of rotation
(27)	Suction power	(28)	Vacuum indicator bar

- 1. Select a rotary instrument for the procedure and insert it (see chapter "Inserting/changing rotating instruments).
- 2. Check the specifications (type, diameter, maximum speed, etc.) of the rotating instrument used.
- 3. You can call up the preset programmes using the memory buttons m1 to m4.
- 4. Select the rotation parameter using the rotation/vacuum setting button (8). Set the desired speed using the arrow buttons (7).
- 1NFO

You can see which parameter is currently activated for change by the green display bar and the enlarged number.

5. Select the Vacuum parameter using the Rotation/Vacuum setting button ((8)). Set the desired suction power using the arrow buttons ((7)).

NOTE

The minimum suction power is 3%.

It is not possible to operate the handpiece without suction power, as this is used to cool the handpiece motor.

6. Select the direction of rotation of the rotating instrument(10).



RISK OF INJURY

- •Ensure that the direction of rotation of the rotating instrument is suitable.
- •Observe the parameters of the rotating instrument.

An incorrectly set direction of rotation can lead to personal injury and damage to the device during use.



Optionally, the parameters can be set during operation of the rotating instrument.

The parameters are set.

Programming the memory buttons

To program a memory button:

- 1. Select a rotating instrument for treatment and insert it (see chapter "Inserting/changing rotating instruments).
- 2. Check the specifications (type, diameter, max. speed, etc.) of the inserted rotary instrument.
- 3. You can call up the preset programmes using the memory buttons m1-m4.
- 4. Select the Rotation parameter using the Rotation/Vacuum Setting button(8). Set the desired speed using the arrow buttons(7).
- 1NFO

You can see which parameter is currently activated for change by the green display bar and the enlarged number.

5. Select the Vacuum parameter using the Rotation/Vacuum setting button(8). Set the desired suction power using the arrow buttons(7).

NOTE

The minimum suction power is 3%.

It is not possible to operate the handpiece without suction power, as this is used to cool the handpiece motor.

6. Select the direction of rotation of the rotating instrument(10).



RISK OF INJURY

- •Ensure that the direction of rotation of the rotating instrument is suitable.
- •Observe the parameters of the rotating instrument.

An incorrectly set direction of rotation can lead to personal injury and damage to the device during use.

7. Press the desired memory button until the symbol for the selected memory button appears on the display(21).



Optionally, the parameters can be set while the rotating instrument is in operation.

The memory button is programmed.

Starting/stopping the handpiece

To start/stop the handpiece:

- 1. To start the rotating instrument, press the handpiece button(9).
- 2. The device will operate with the set parameters.
- 3. To stop the rotating instrument, press the handpiece button(9).
- 1NFO

During operation, the rotating instrument can be paused and restarted using the foot switch.

The handpiece has been started/stopped.

Cleaning and maintenance



DANGER OF ELECTRIC SHOCK

 Switch off the device and disconnect the mains plug before cleaning!

Cleaning may cause short circuits and risk of electric shock. These can lead to fatal injuries.

A CAUTION

RISK OF INJURY

 Wear gloves during all cleaning work where contact with contaminated objects cannot be ruled out.

Improper cleaning can result in injury and contamination.

NOTE

RISK OF DAMAGE OR MALFUNCTION OF THE DEVICE

•Only use the accessories specified in the Accessories chapter for cleaning the device and the handpiece.

The use of incorrect accessories may result in damage or malfunction of the device.

NOTE

DAMAGE TO THE DEVICE

 Do not use alcoholic, solvent-based or aggressive cleaning agents such as acids, thinners or acetone.

Improper cleaning can damage the device.

NOTE

DAMAGE TO THE DEVICE

 Check the dust bag every evening after using the device and replace it if necessary.

Failure to clean the dust bag may result in damage to the device.

The device can be cleaned thoroughly by wiping it down with disinfectant. In particular, the handpiece cover and the hose must be disinfected by wiping them down with disinfectant after each treatment on a person. The SÜDA V Pro is delivered non-sterile and must therefore be prepared before its first use. This also applies to each subsequent use. The respective country-specific guidelines on effective hygiene measures must be observed.



Use a VAH-listed disinfectant.

We recommend our CARE MORE surface disinfectant wipes (item no. 9320.402, 9320.403) for wipe disinfection.

Cleaning the housing

To clean the housing:

- 1. Clean the housing with a damp cloth.
- 2. Make sure that no water gets inside the housing.
- 3. Wipe the device dry at the end.

The housing is now clean.

Cleaning the handpiece

To clean the handpiece:

- 1. Switch off the device before you start cleaning. (see p. 26).
- 2. Insert the supplied milling blind pin into the handpiece.
- 3. Unscrew the handpiece cover(14) from the handpiece.



Fig.12: Removing the handpiece cover



RISK OF INJURY

 The device must <u>not</u> be operated while the handpiece cover(14) is unscrewed.

Improper cleaning of the handpiece can result in injury.

4. Clean the inside of the handpiece with the cleaning brush (10102).



Fig.13: Cleaning the handpiece

- 5. Clean and disinfect the handpiece cover.
- 6. Screw the handpiece cover(14) onto the handpiece.
- 1NFO

Ensure that the handpiece is correctly seated in the guide of the suction hose.

The handpiece is now ready for use.

Repair and maintenance

M WARNING

RISK OF INJURY

 Do not use the device if it is defective or you suspect that it is defective.

You could injure yourself or others or endanger your health.

(i) INFO

To maintain the value and ensure the performance of the device, we recommend annual maintenance. To arrange this, please contact customer service on Tel.: +49 721 9770-666.

1NFO

Only authorised specialist personnel from the manufacturer may carry out maintenance and repairs. Any modifications or repairs not carried out by authorised specialist personnel will invalidate the manufacturer's warranty and liability.

1NFO

Check the dust bag every evening after using the device and replace it if necessary.

1NFO

Replace the motor protection filter (item no. 36460) every three months or every 125 operating hours.

1NFO

The following must be carried out during maintenance:

- •Replace and check the dust bag
- •Function test

Changing the clamping mechanism

The clamping technology is a component of the handpiece and is used to clamp the rotating instrument. As soon as the rotating instruments no longer have a firm hold, the clamping technology should be changed. Deposits or signs of wear can be the cause of reduced hold of the rotating instruments. To change the clamping technology, you will need the replacement collet set (item no. 1997.001).



Fig. 14: Replacement collet set (item no. 1997.001)



RISK OF INJURY

- The device must not be operated while the handpiece cover(14) is unscrewed.
- Ensure that the device is switched off.

Improper use may result in injury.

1. Unscrew the outer sleeve.



2. Remove the centring ring.



3. Loosen and remove the collet with a 10 mm openend spanner by turning it anticlockwise.



4. Remove the driver.





5. Insert the new driver. Place the flat surface onto the motor shaft. Ensure that the driver is positioned correctly. Otherwise, it may be damaged.



6. Secure the new collet with a 10 mm open-end spanner in a clockwise direction.



7. The O-ring is placed on the collet.



8. Now screw the outer shell back on.



Electromagnetic compatibility (EMC)

⚠ WARNING RISK OF INJURY

 Do not operate the device in the presence of or in conjunction with high-frequency surgical equipment.

This can lead to unwanted movements of the motor and thus to injuries.

MARNING

RISK OF INJURY

 Do not use the device in rooms with a humidity level of more than 70%.

This can affect electromagnetic compatibility and thus lead to unintended movements of the motor, which in turn can cause iniurv.

MARNING

RISK OF INJURY

 Connect the device to the power supply in accordance with the information on the type plate.

Failure to do so may affect electromagnetic compatibility and thus lead to injury.

⚠ WARNING

RISK OF INJURY

 Only use the device in conjunction with CE-marked electrical devices.

Electrical devices that are not CE marked may affect electromagnetic compatibility. This can influence electromagnetic compatibility and thus lead to unintended movements of the motor, which in turn can cause injury.

MARNING

RISK OF INJURY

•Perform an electrical safety check every two years.

Failure to perform this safety check may have a negative impact on electromagnetic compatibility. This may result in injury.



The device complies with the requirements of EN 60601-1-2.



The device is intended for use in a domestic environment in accordance with EN 60601-1-11.

Faults and troubleshooting

Fault	Cause	Remedy
Device not function- ing	The power cord is not connected correctly.	Check the connection of the power cord. The plugs must be firmly inserted.
	The power socket is not supplying no power.	Check that the socket is wor-king (e.g. with a table lamp).
The handpiece is vibrating very strongly.	You are using an unsui- table rotating instrument.	Only use suitable rotating instruments.
		Only use intact rotary instru- ments.
	The rotary instrument is bent or damaged.	Check the concentricity of the rotary instrument using the bur gauge (item no. 2695) (see p. 24,
		Apply the bur test gauge).
	The speed is too high.	Observe the manufacturer's specifications for the rotating instruments. As a general rule, the larger the the cutter head diameter, the lower the rotational speed.
The suction power is reduced.	The dust bag is full.	Replace the dust bag.

If you encounter any other problems or difficulties during disassembly or assembly, please contact our customer service department (telephone number: +49 721 9770-666).

Transport/storage/operating conditions

Transport and storage temperature: -10°C to +65°C Operating temperature: +10°C to +40°C

Relative humidity: max. 70%, non-condensing

Avoid sudden temperature changes as this may cause condensation to form on the device. Only start using the device once the temperature has stabilised.

Only transport the device in the manufacturer's original packaging.

Disposal

Keep the original packaging for possible transport.

Please dispose of the packaging, the device and the accessories in an environmentally friendly manner at the appropriate disposal points. Dispose of used air filters in accordance with hygiene regulations. All electrical and electronic devices must be disposed of separately from general household waste.



If this symbol of a crossed-out wheelie bin is affixed to a product, this product is subject to the WEEE Directive 2012/19/EU and must not be mixed with conventional household waste. Separate collection systems exist for these products.

WEEE Reg. No.: DE 51200503

If your devices are no longer functional and cannot be reused, please do not dispose of them with your household waste, but return them directly to us, IONTO Health & Beauty GmbH. The crossed-out wheelie bin attached to this letter and placed on the electrical appliance also refers to the prohibition of disposal in household waste.

For more information about our disposal partner and the disposal of old appliances, please visit our homepage under the tab "Disposal of old electrical appliances". Alternatively, you can also contact IONTO directly.

Please also ensure that you remove all personal data from the old appliance in advance. If the charger still has a battery attached, please remove it before handing it in for disposal.

The proper disposal and separate collection of old appliances serves to prevent potential damage to the environment and health. It is a prerequisite for the reuse and recycling of used electrical and electronic equipment.

Scope of delivery

Quan- tity	Item name
1	SÜDA V Pro device with power supply unit
1	Handpiece
1	Blind pin
5	Dust bag
1	Cleaning brush
1	Operating instructions

Accessories

Item number	Item name
8211.024	Wired foot switch
8415.2	Micropore dust bag, 5 pieces
36460	Motor protection filter
10102	Cleaning brush
28799	Cutter blind pin
2695	Milling cutter gauge
1997.001	Interchangeable collet set
9320.402	CARE MORE surface disinfectant dispenser box
9320.403	CARE MORE Surface Disinfectant Refill Pack

Technical

Device

Item number:	1998.30
Voltage	24 V DC
Power:	160 W
Protection class:	II
Dimensions (W/D/H) in mm:	240/202/120 (without hose handpiece)
Weight:	2.9 kg

Power supply

Item number:	36465
Power:	160 W
Input	100-240 V AC; 47/63 Hz; ≤ 2.0 A
Output	24 V; max. 6.66 A
Protection class:	II
Dimensions (W/D/H) in mm:	70/150/38
Weight:	575 g