



promed 4030-SX2 Electric File with Suction Function Instruction Manual

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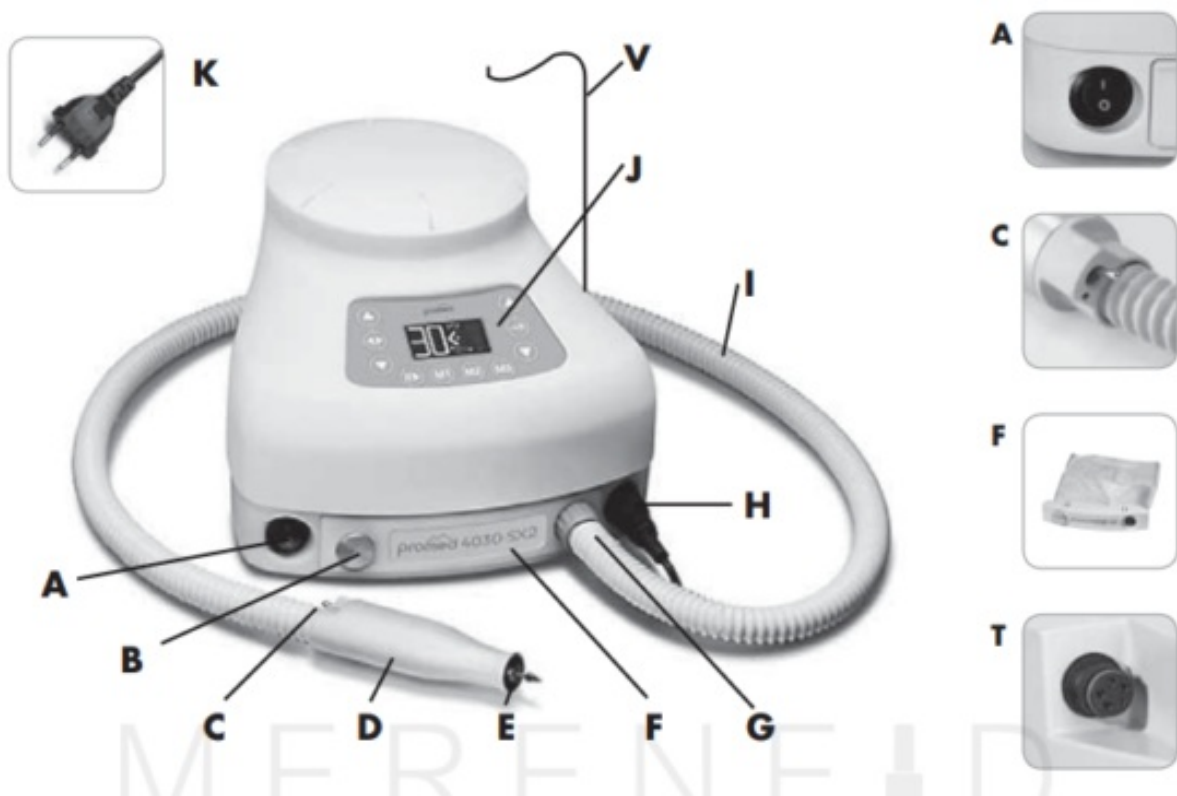
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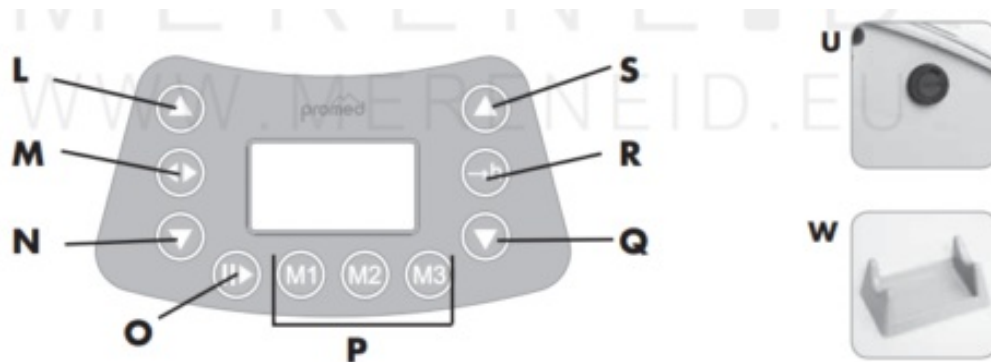


Promed 4030-SX2

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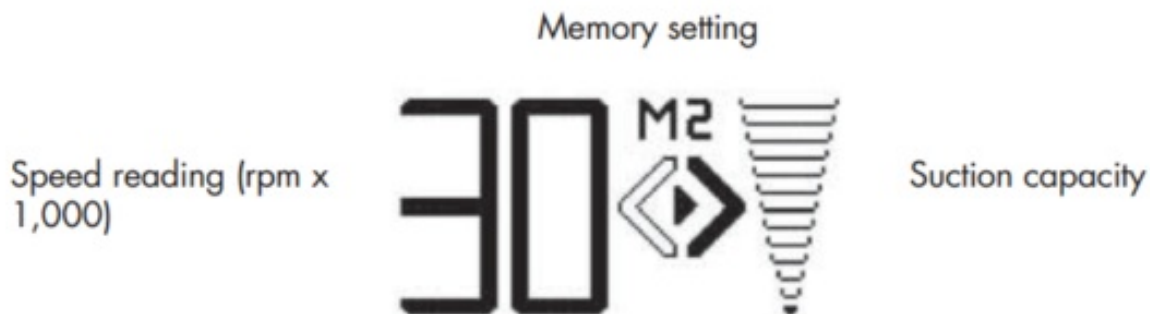
UNIT DESCRIPTION AND OPERATION





- | | |
|---|--|
| A. Power switch | N. Reduce speed |
| B. Handle to remove the filter chamber | O. Start / stop / standby |
| C. Microswitch | P. Memory buttons |
| D. Handpiece | Q. Reduce suction capacity |
| E. Collet / abrasive holder | R. Control button operating hours counter
Filter change |
| F. Filter chamber cover / lock | S. Increase suction capacity |
| G. Suction hose connection | T. Connection socket for foot switch (ON/OFF)
or foot pedal (on the left side of the device) |
| H. Motor plug connection | U. Fuse (on the bottom side of the device) |
| I. Suction hose | V. Hose suspension |
| J. Display | W. Handpiece tray |
| K. Power plug | |
| L. Increase speed | |
| M. Clockwise/anti-clockwise rotation | |

DISPLAY AND DISPLAY MESSAGES



Pause/ standby / clockwise/anti-clockwise rotation

- | | |
|--|---|
| | Clockwise rotation - Standby mode |
| | Clockwise rotation – Active operation |
| | Counter-clockwise rotation – Standby mode |
| | Counter-clockwise rotation – Active operation |
| | Foot switch or foot pedal is connected |

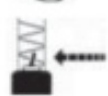
Information messages



The handpiece is blocked or overloaded.



Overheat: The air temperature in the suction turbine housing is higher than 80° C.



The device is switched to the standby mode on the microswitch.



It is necessary to replace the dust bag.

DESCRIPTION OF THE UNIT

Please keep this user manual in a safe place!



Please read the user manual thoroughly before using the appliance for the first time.

Thank you very much for choosing the Promed 4030-SX2 manicure / pedicure device. This device may be used both by qualified specialists and by private people after they have read these instructions for use.

This device is suitable for use in the areas of manicure, nail design (nail art) and pedicure (e.g.: removal of thickened skin and callus, cuticle care, nail care, treatment of thickened nails etc.) as well as for medical and cosmetic foot and nail care. The unit is also suitable for use in the area of nail techniques and nail design as well as the handling of all materials used in this area such as gel and acrylic. We, the manufacturer are not liable for any injury or damage to people or property which results from ignorance to observe these instructions.

We wish you a lot of enjoyment with your new Promed 4030-SX2 unit. We would like to familiarize you with the unit in the following sections. Please read the user manual thoroughly before using the unit for the first time.

DEVICE INFORMATION / SCOPE OF DELIVERY / ACCESSORIES

Before operating the unit for the first time, please check that all contents have been delivered. This is done by checking whether the line voltage required for the unit (you can find this information on the specification plate) corresponds to the local power supply (operating voltage of 230 VAC connected to a correctly installed wall socket with a supply voltage of 230 VAC; operating voltage of 115 VAC connected to a correctly installed wall socket with a supply voltage of 115 VAC).

- Be careful when positioned on ground level and make sure that the ventilation slots on the rear panel are not obstructed. Also there should be sufficient distance at the back to allow sufficient air circulation. The environment should be dry and at normal temperature (do not place near to the heat sources or steam jets).
- The device Promed 4030-SX2 is suitable with the appropriate abrasives ideal for manicure and pedicure, as well as for the medical cosmetic foot and nail care
- The Promed 4030-SX2 unit uses a high performance motor. The electronic speed control is used to smoothly set the speed of the grinding head. The unit can rotate clockwise or counterclockwise (switchable).
- The grinding head holder is able to fixate all commercial grinding heads with standardized dental size shafts of 2.332 to 2.350 mm (0.091 – 0.093 inches). Please use only high-quality grinding heads with a rounded shaft end and a shaft length of 28 – 36 mm to guarantee the longest life possible for the grinding head holder!

- The abrasives must always be inserted completely until the stop in the abrasive holder has been reached.
- Always make sure that the grinding head does not come in contact with other objects when you lay the handpiece down. There is a risk of the shaft becoming compressed and asymmetrical. Asymmetry in the grinding head causes damage to the handpiece!
- Grinding head bits are available at your local specialist retailer or Promed (www.promed.de).
- The dust bag is intended for single use only (disposable product) and must not be emptied or used several times!
- Exposure to nail and skin dust may result in health risks. Wearing face/mouth protection and gloves is recommended for reasons of hygiene.
- To ensure hygienic operation, the grinding heads must be disinfected after use.
- The handpiece may only be disinfected using disinfectant wipes.
- Information about suitable disinfectants and products can be obtained from Promed.
For disinfection of instruments and grinding heads: Promed Pure ID (Product No. 330810)
For disinfection of surfaces and devices: Promed Pure FD (Product No. 330815)
For disinfection and cleaning of instruments and grinding heads:
Promed UC-50 (Product No. 330210)
- If required, you can buy replacements of the handpiece (item no. 204002) as well as the dust bag (pack of 10: item no. 195870, pack of 20: item no. 195871, pack of 50: item no. 195872) from Promed.

Scope of delivery:

1x device 4030-SX2 with hose suspension (item 204006)
 1x Handpiece Pom (item 204002)
 6xDust bag
 1x Handpiece tray
 1x Collet cleaning drill
 1x Instructions with service / repair order



SAFETY INSTRUCTIONS



Please pay attention to the following before first time operation:



Never place the unit in direct contact with fire, gas, oxygen or hot objects such as hot plates.

Please observe the following during operation:

- The handpiece may only be connected to the unit included in the delivery contents.
- Grinding heads to be used:
 - Standardized dental size: \varnothing 2.332 – 2.350 mm (0.091 – 0.093 inches), shaft length 28 – 36 mm.
 - Only use centered grinding heads with a rounded shaft end.
 - The use of rusted or bent grinding heads is not permitted.
- Use the speed controller carefully.
- Appliance power supply: 100 VAC or 240 VAC.
- Switch the unit off before you change the grinding head, and on Standby.
- Take every precaution possible to ensure that the unit does not fall down or get damaged in any other way.
- If problems do arise with the handpiece, take it immediately to get it repaired.
- Do not lubricate or wash the handpiece.
- Place the test grinding head in the chuck when storing the handpiece.

J. For indoor use only.

K. Scrupulous supervision is required when the device is being used in the vicinity of children.

L. Always make sure that the filter chamber remains clean. This helps to prevent entering the dust or foreign particles in the suction turbine and contaminate or even damage.

M. Ensure that the device is not operated under the following conditions:

- If no dust bag has been inserted
- If a dust bag has been inserted incorrectly
- The filter bag is not regularly / timely changed (overfilled filter bag may burst!)
- When the suction fan is demonstrably contaminated

N. If the filter bag is torn during the operation and a quantity of abrasive dust is present in the filter chamber, the device should not be operated further otherwise the suction turbine will be damaged. In this case, send the unit immediately for service!

O. The filter bag is only meant for single use (disposable) and should not be emptied or used several times.



- Do not place the unit in direct contact with water or other fluids.
- Never place or use the unit in a wet or moist environment.
- Do not touch the unit with wet hands.
- Only operate the unit with the specified line voltage.
- It is not permitted to use the unit outdoors.



- Children must not play with the device.
- Never leave the unit unattended when children or inexperienced persons are in its vicinity.
- Only use the unit for the applications described in this manual.
- Only use attachments and accessories from the manufacturer.
- Never use the unit after the electrical lead has been damaged, when the unit has fallen down or when it has come in contact with water.
- This device can be used by children from the age of 8 years and by persons with reduced physical, sensory or mental abilities or lack of experience and knowledge if they are supervised by persons responsible for their safety or if they were instructed in detail on how to use this device so that they understand the risks associated with the device.
- Never let children play with the packaging material; there is a risk of suffocation.
- An electrical appliance is not a toy. Children do not recognize the risks that could develop when using electrical appliances. Therefore, operate and store the unit out of the reach of children.
- Do not place or use the unit on hot surfaces or near naked gas flames to ensure that the casing does not melt.
- Never let the unit come into contact with water. Use a moist cloth to clean the unit. Do not use solvents.
- If liquid has entered the device, switch it off immediately and remove the power plug from the socket. In this case, please contact an authorised dealer before you continue to use the device.
- Do not suck in any liquids!
- Never carry or pull the unit by the power cord. Use the plug to pull the power cord out of the wall socket. Do not pull on the power cord itself.
- Do not pull the power cord over sharp edges, wedge it in between objects, hang it down or position or hang it over hot objects (e.g., hot plates) or naked flames. Protect the power cord from heat or oil.

- Only use extension cords when you have satisfied yourself beforehand that they are not defect or damaged.
- If the power cable of the appliance gets damaged, have it replaced by an expert immediately.
- Should the power cord of the device is damaged once, let it replaced by a professional with a new one.
- Do not store the unit near a wash basin or bath tub as there is the danger that the unit may fall or be pulled into the wash basin or the bath tub.
- Children must not clean or maintain the device without supervision.
- To avoid all risks of injury, blockage or damage to the unit, make sure that the unit does not come into contact with clothing, cords, shoelaces, bristles, wires, threads, hairs etc. when in operation.
- Exposure to nail and skin dust may result in health risks. Wearing eye/mouth protection and gloves is recommended for reasons of hygiene and safety.

COMMISSIONING THE DEVICE



Never change the abrasive before you turn off the device or the device is in standby mode.



The device should never be operated with an intact, built-in suction bag.



The filter chamber (F) must always be closed when the device is in operation.

A. Check before you operate the device, whether the indicated voltage on the device corresponds to the local power supply. Insert the plug (S) in the power socket.

B. The unit is supplied with a dust filter already installed in the filter chamber. You can check this by removing the chamber cover (N) (pull out the knob).

C. First connect the vacuum hose (I + G) to the opening on the filter chamber cover (L) (press the connection piece in firmly), then attach the motor connector to the „Motor“ socket (M) on the front of the unit (insert the connector at an angle and twist it to the right to lock. The opposite applies when un-plugging).

D. Select a suitable abrasive body. Insert the abrasive on the front hand piece to the abrasive with ceramic bond (E). Once the abrasive body begins to rotate, the mechanism is locked automatically. Remove and never run an abrasive with force! Abrasives with 2,332 mm to 2,350 mm (0.091 – 0.093 inches) shank diameter fit precisely with the abrasives with ceramic bond, without you having used excessive force. Use only abrasives with a head diameter of max. 12 mm. Ensure that the large-sized dimensioned abrasives with the maximum of 10.000 rpm may be operated. At higher revolutions, the run becomes irregular and damage the chuck and (strong vibration in the hand piece) miller cutter. To remove an abrasive, please switch off the motor by switching off the device either with the power switch (A) or with the standby button (O) or switching it to the standby mode with the microswitch on the handpiece (C).

Now, remove the abrasive by simply pulling it straight out.

E. When you switch on the device, the Promed logo is first shown on the display (J) for several seconds.

Then, the display changes and the settings used last are displayed.



F. Controlling the direction of rotation and speed regulation:

1. Selecting the direction of rotation:

The preset direction of rotation is clockwise. On the display, this is indicated by the filled right arrow. By pressing the clockwise/counter-clockwise button (M), the direction of rotation can be changed to counterclockwise. By pressing the clockwise/counter-clockwise button again (M), you can return to clockwise rotation.



Attention:

The direction of rotation should not be changed while the device is in operation. Changing the direction of rotation during operation exposes the motor to a very high load and may damage it.



2. Selecting the speed:



Attention:

The set speed must not exceed the maximum permissible speed according to the specifications of the abrasive manufacturer.

OPERATING THE UNIT

Select the desired speed by pressing the membrane keyboard. To increase the speed, press the button (L) and to reduce the speed, press the button (N). The value set is then shown as a two-digit value on the display (J). Speeds of up to 10,000 rpm are displayed with a decimal place , whereas speeds of 10,000 rpm and higher are shown without a decimal place .

The speed regulation can be set as follows and is shown accordingly on the display:

From the initial speed of 4,000 rpm to the 10,000 rpm in steps of 500.

From the speed range between 10,000 rpm and 30,000 rpm in steps of 1,000.

When the buttons are pressed down continuously, the display scrolls rapidly through the different speed levels.



Please note:

Differences in the running noises between clockwise and anti-clockwise direction are normal and caused by the grinding-in of the carbon brushes or by the running-in of the ball bearings.



Please note:

Before using the device for the first time, it is absolutely necessary to run the handpiece for approx. 30 minutes at approx. 8,000 rpm. This is necessary to ensure that the carbon brushes are ground in. For cooling, the run along the suction is essential!

G. Standby function

1. On the device:

The button (O) offers a "Pause - standby function". The values set are maintained for the duration of the pause. During this process, the speed and direction of rotation selected last are shown with an additional pause symbol. When this button is pressed again, the device continues to run with the previous settings.

2. On the handpiece:

The same function can be triggered by actuating the microswitch **(C)** on the handpiece.

H. Overload protection for the handpiece motor

- In the event of any blockage or an overload of the handpiece, the speed and suction turbine are switched off after approx. 5 seconds. On the display **(J)**, the following error message is shown:



- After approx. 8 seconds, this reading disappears and the device is in the standby mode.

I. Controlling the suction capacity

- The suction capacity can be adjusted in 13 steps. By pressing the button **(S)**, the suction capacity is increased; by pressing the button **(Q)**, it is reduced.
- On the display, the capacity value set is shown in a bar chart on the right side. The suction capacity chosen has a dark background.



Please note:

For most cases, the medium suction capacity setting is sufficient.



Please note:

The suction air flow serves at the same time as cooling for the micromotor. When the device is in operation, the suction runs permanently, at least at the lowest setting. The suction function cannot be switched off!



Please note:

If the suction function is defective, the device must no longer be used!

J. Thermal cutoff of the suction turbine

If the suction turbine is not cooled adequately and the air temperature in the suction turbine housing exceeds 80° C, the suction turbine and the handpiece are switched off. On the display, the error message "OVERHEAT" is shown:



- After the temperature in the suction turbine housing has dropped by approx. 10 – 15° C, this reading disappears. The device is then in the standby mode.

Possible reasons for an overheating of the suction turbine

- Blockage in the suction hose or in the handpiece
- Overfilled filter bag
- Insufficient air circulation at the rear of the device
- Grinding dust in the area of the turbine due to a burst dust bag or by using the device without a dust bag.

**Attention:**

If the reasons mentioned above can be ruled out, we recommend you to immediately send your device back for servicing!

K. Saving speed values / memory function

A speed chosen by pressing the button **(L)** or **(N)**, can be saved by pressing any memory button **(P)** for at least 3 seconds. For example, on M1, a low speed for large milling cutters, on M2, an average speed for medium-sized milling cutters, and on M3, a higher speed for small milling cutters. The chosen suction capacity and the milling cutter's direction of rotation are also saved. The memory setting chosen is shown in the middle of the display **(J)**.



The following memory values have already been factory-set:

M1	=	8.0	(8,000 rpm; suction capacity 4 bars = 30 %)
M2	=	15	(15,000 rpm; suction capacity 8 bars = 60 %)
M3	=	20	(20,000 rpm; suction capacity 11 bars = 85 %)

These settings can be changed as described above. Saving a chosen speed is confirmed by the display "Save":

**L. Changing the dust filter:**

Turn the device off and pull out the tube (G) and the power plug (H). Remove the cover (F) from the casing by pulling gently on the extendable handle (B). Now hold onto the filter bag firmly with one hand and the pull the tube supports out of the opening. Remove the full filter bag and replace it with a new one.

The filter is installed by reversing these steps. Ensure that the new filter is not damaged (i.e. the welds are perfect).

If the suction capacity drops noticeably, but at the latest if the filter is filled by 2/3, the filter should be replaced! This is the only way to ensure full suction capacity and prevent the suction turbine from overheating due to an insufficient supply of air!

**Attention:**

Only use original dust bags!

**Attention:**

The filter bag is intended for single use only (disposable product) and must not be emptied or used several times!

**Attention:**

If a filter bag is torn during operation and if there is a lot of grinding dust in the filter chamber, under no circumstances should you continue to use the device, since otherwise the suction turbine may be damaged. In this case, immediately send the device back for servicing!

**Attention:**

If the filter is too full, there is a risk of the filter bursting! This may result in grinding dust entering the turbine and destroying it.



Attention:

Every day before starting work, check the condition of the filter bag (fit and filling level).

Replace the filter bag according to the instructions above if necessary. Replacing the filter in good time extends the service life of the suction turbine.



Attention:

Commercial anti-odour cartridges (vacuum cleaner accessories) can be inserted through the dust bag opening and prevent unpleasant odours to a large extent.



Attention:

Never transport the device with a filled dust bag! The same applies if you store the device, do not use it for a longer period of time or want to send it in for servicing.

M. Control system for recommended dust bag replacement

- The **Promed 4030-SX2** is equipped with a dust bag control system: It indicates the remaining operating time with the dust bag used and can be adjusted individually by the user based on personal experience.
- The remaining operating time with the dust bag used can be requested at all times by pressing the button **(R)** and then appears briefly on the display:
In the dust bag symbol, the current turbine temperature in the suction chamber is displayed.



- If the operating time for a dust bag has expired, necessary replacement of the dust bag is indicated by means of a warning message on the display. The symbol is shown until the dust bag has been replaced.



- After the dust bag has been replaced, the control system must be "reset". To do this, press the button **(R)** for approx. 4 seconds. The "resetting" process is confirmed by a signal sound.



Attention:

It is possible to still use the device despite an overfilled dust bag, but this will be at your own risk!



Attention:

It is absolutely necessary to ensure not only to actuate the "Reset" function, but also to replace the dust bag in advance!



Attention:

The dust bag control system only serves as guidance. It does not check the actual status of the dust bag. Only the operating time set is counted down step by step.

N. Setting the filter time

- The number of hours that are counted down until dust bag replacement is recommended can be set individually based on your own experience from 10 up to a maximum of 20 hours.
- Press the button **(R)** and keep it pressed to set the operating hours. "SAVE" is shown on the display.



- The current operating hours are then displayed.



- Release the button **(R)** for a moment and press it again. Then, the range for setting the operating hours (10 h – 20 h) appears on the display:



- The operating hours can be increased by pressing the button **(L)** or reduced by pressing the button **(N)**. Pressing the buttons and keeping them pressed, the display will enter the fast-forward mode.
- As soon as you have set the desired operating hours and do not make any further settings, the "standard reading" is shown again on the display. The operating hours set are saved automatically.

O. Foot switch or continually adjustable pedal (options):

Available accessories include a foot switch (ON/OFF), or a continually adjustable pedal. They are connected to the device via the "foot switch" socket (P) at the rear of the device.

1. Foot button (ON/OFF):

Let the device activated with a simple foot switch, i.e. the adjusted set values for speed and suction are released by pressing the foot button. The removal of foot from the button leads to stopping the hand piece and suction turbine.

2. A continuously variable pedal (rocker pedal):

The speed can be controlled very smoothly and delicately with the pedal. The settings are adjusted with the buttons (E) and (F) here as "pre-selection" and maximum position. The regulating possibility by foot is thus limited to a set speed in the Display. Taking your foot off the pedal stops both the motor and the suction.



Please note:

The function of the microswitch on the handpiece is not affected when the foot pedal is operated. Using the microswitch, you can switch the device to the standby mode at all times.



Note: Only Promed foot pedals can be used.

P. Changing the device fuse

The device fuse is located on the bottom of the housing. Before replacing the fuse, please unplug the power cord. To move with a screwdriver, unscrew the fuse holder and micro fuse T2.5 A (for 115 volt version: replace T5.0 A).

In case of malfunction:

- Check for the correct power supply.
- Ensure that the hand piece is connected to the device properly.
- Check, if the dust bag is torn.

- Check, if the handle is assembled correctly.
- When using a foot pedal, check if the device works without the pedal.
- The problem is still not corrected; please do not hesitate to contact your service centre immediately.

SPECIAL QUALITY FEATURES

Keypad:

Extremely easy to use, select all functions by pressing the corresponding key on the keypad.

LED display:

On the large, easy-to-read display, you are provided with all information about the device at a glance.

Quick chucks:

For the absorption of the abrasives, the quick chuck enables you a simple, fast and smooth change of the grinders. Once the abrasive body begins to rotate, the shaft is automatically locked.

Overload protection for motor hand piece

The unit is equipped with overload protection for the hand piece. In case of any blockage or overload of the hand piece, the engine speed as well as the vacuum turbine is turned off for about 5 seconds.

Thermal cutoff of the suction turbine

If the suction turbine is not cooled adequately and the air temperature in the suction turbine housing exceeds 80° C, the suction turbine and the handpiece are switched off.

Control system for recommended dust bag replacement:

This dust bag control system indicates the remaining operating time with the dust bag used and can be adjusted individually by the user based on personal experience.

MAINTENANCE TIPS

To ensure that the safety, reliability and performance of the unit are not adversely affected, enhancements, readjustments, alterations or repairs are not permitted aside from those performed by Promed authorized persons.

- Keep the inner parts of the handpiece (Collet chuck/quick lock chuck) as free as possible from dust and grinding residue.
- Remove dirt from the outer surface of the handpiece with a cloth moistened with alcohol. Prevent moisture from entering the unit.
- Only use grinding heads with a dental standard size (\varnothing 2.332 – 2.350 mm (0.091 – 0.093 inches), shaft length 28 – 36 mm) and avoid using rusted or damaged grinding heads. Their false usage may lead to excessive wear and tear in the ball bearings. Adhere to the safe speed and the safety measures stipulated by the manufacturer.
- Do not expose the handpiece to strong knocks as this may damage the ball bearings. If the handpiece should fall down, check whether the grinding head is bent. Pay closer attention to noise and/or heat generation. Send the handpiece immediately in for repair should it be damaged.
- Before cleaning the unit, make sure that it is turned off and disconnected from the electricity.
- Do not use any aggressive substances such as scouring agents or other detergents as they may corrode the surface.

G. Never immerse the device in a liquid and keep it away from liquids containing solvent or acetone.



Attention:

To clean the device, do not use disinfectant spray! Moisture may enter and result in damage (bearing damage in the handpiece, damage to the electronics in the control unit).



Attention:

The device, the handpiece and the handpiece motor may only be disinfected by means of wipe disinfection.

CLEANING THE COLLECT

When inserting the shaft of a filing bit into the chuck, dust stuck to the bit may become detached and fall into the chuck. If dust accumulates there at certain intervals, preventing the bit shaft from being inserted to the intended depth so that the chuck cannot grip the bit properly, you should clean the chuck as follows:

The unit is supplied with a special spiral drill with grip to make cleaning easy.



Carefully insert the drill into the chuck and turn it in a clockwise direction, holding the hand unit with the front end pointing downwards. This will detach any dust trapped inside. Repeat this process several times.



Attention:

Do not use any compressed air to clean the collet! Dust may enter and result in damage. The hand unit should be cleaned at least once a week, depending on how often it is in use.

INSTRUCTIONS ON HOW TO CLEAN THE HANDPIECE

1. Carefully remove the motor connection from the hose (Fig. 1 – 3).
2. Push the entire micro motor and chuck mechanism out of the hand unit casing. To do so, never pull the small yellow capacitor (Fig. 4).



1



2



3



4

3. Clean the area around the air Flow channels with a dry brush (fig. 4 - 6).



4. Then wipe the entire motor assembly, the motor casing and the hose kit clean with a cleaning cloth suitable for this purpose (Fig. 8 / 9).



5. When assembling the handpiece, make sure that the position of the plug contacts is correct! Please insert and put together these plug contacts carefully to prevent the individual pins from being damaged (Fig. 10 / 11). Observing the guide rails (Fig. 12), you can slide on the motor casing with little effort until it engages.



SERVICE

Your customers will definitely be expecting you to deliver a professional result. This is only possible with an appliance that is neither defect nor damaged. Therefore, take advantage of our service and have your appliance regularly examined by our specialists. Send in your appliance to Customer Service every 12 months at the latest. We can give you an estimate of the cost (total cost: 19.00 € net) that will be accounted for during the service of the device (total cost: 29.00 € net + material costs).

DISPOSAL

Power tools, accessories, and packaging should be recycled in an environmentally suitable manner.

Only for EU countries:



Do not dispose of power tools with the domestic waste! In accordance with the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation into national law, nonfunctioning power tools must be collected separately and recycled in an environmentally suitable manner.

This symbol indicates that disposal of this product in the domestic waste is not permitted within the EU. Waste devices contain valuable recyclable material that should be recycled. Recycling also prevents uncontrolled waste disposal from damaging the environment and human health. Therefore, please dispose of all waste devices in the appropriate collection systems or send the device to the place where you bought the device for disposal. They will then recycle the device.

WARRANTY

This product was produced with the utmost care and was thoroughly tested before it left the factory. Therefore, we provide a warranty period of 24 months from the date of purchase for this product. Promed products conform to their description and the relevant specifications; it is your responsibility to ensure that the product which you have purchased is designed for your intended use.

- In the event of material defects and/or manufacturing errors which appear during proper use and are detected during the warranty period, we will replace all defective parts of the product free of charge within the warranty period, including the labour costs for warranty repairs.

The warranty does not cover:

- Normal wear on the product
- Defects which were caused during transportation or storage of the product
- Defects or damage which were caused through improper use or inadequate maintenance
- Damage resulting from disregarding the notes in the operating manual
- Damage resulting from modifications to the product which were not carried out by Promed.
- Damage caused by sharp objects or as a result of torsion, compression, being dropped, an abnormal impact or other actions which are beyond Promed's reasonable control.
- Parts which are subject to wear (e.g. moving parts such as ball bearings, Motors, motor carbon brushes etc., fasteners, etc.) are generally excluded from the warranty.

A claim under the warranty is not enforceable if:

- the product is not sent back in its original packaging or in adequately secure packaging;
- it has been modified or repaired by a person or company other than Promed or one of Promed's authorised dealers;
- the product has been repaired using parts which are not approved by Promed;
- the serial number / LOT number of the product has been removed, deleted, changed or made illegible.
- For reasons of hygiene, any products which have been exposed to direct contact with a body or with bodily fluids (e.g. blood) must be packaged in an additional plastic bag before they are sent back. In this case, a specific note of this situation must be made in the package or in the accompanying documents.
- For components or products which are replaced during the warranty period, a warranty is only provided for the remainder of the original warranty period; provided that the product or part replacement was carried out by Promed or one of Promed's authorised dealers.
- The warranty period begins on the day of purchase. Claims under the warranty must be established within the warranty period. Complaints arising after the expiry of the warranty period cannot be considered.
- Under these warranty conditions, the warranty shall only apply if the date of purchase can be proven by means of a sales receipt or similar.
- We reserve the right to make technical and visual changes as well as changes to the features.
- This warranty is only valid and enforceable in the country in which it was purchased by the original buyer, provided that it was Promed's intention that the product should be offered for sale in this country. This warranty is also enforceable in any country within the European Economic Area in which Promed has an authorised importer or sales partner. Depending on each country, specific and differing warranties and guarantees may be

applicable owing to the particular applicable legislation. These legal provisions are neither excluded nor limited by these warranty conditions. To the extent permissible under national law, the warranty period shall not be extended, renewed or otherwise affected by any subsequent resale, repair or replacement of the product.

- The provisions of the UN Convention on Contracts for the International Sale of Goods shall not apply.
- Our warranty conditions do not affect the seller's legal warranty obligation.
- To the fullest extent possible under the applicable mandatory legislation, these warranty conditions constitute your sole and exclusive legal remedy and shall apply in place of any other express or implied warranty conditions. Promed is not liable for any unusual, incidental, punitive or consequential damages including, but not limited to loss of profits, loss of use, loss of revenue, costs of replacement equipment or facilities, third party insurance claims, and damage to property which are the result of the purchase or use of the product or occur owing to a breach of warranty, a breach of contract, negligence, product defects or any other legal or statutory circumstances, even though Promed was aware of the possibility of such damages. Promed is not liable for any delay in warranty claims.
- Promed cannot be held liable for any possible translation errors.
- The following information is vital for problem-free processing:
 1. Original sales slip/receipt or dealer's stamp with the date of purchase
 2. Defect detected
 3. Unit name / type / serial / lot number

EXPLANATION FOR THE SYMBOLS



Symbol for protection class II appliances



Symbol for WARNING! Indicates sections of the user manual that are relevant for safety!



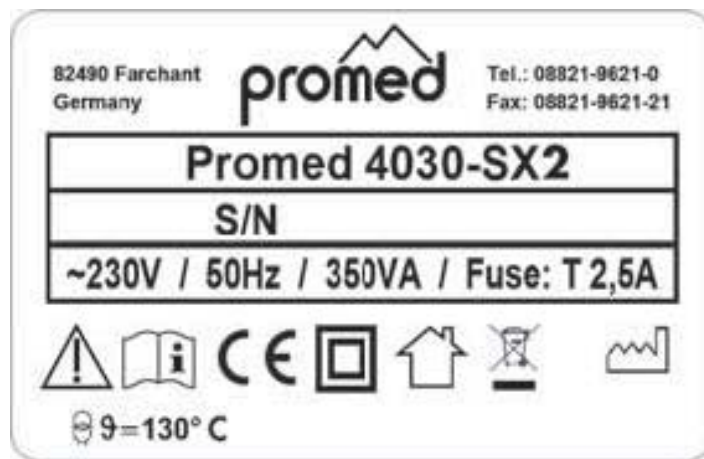
Symbol for date of manufacture

Please note the symbol for instruction manual:

MANUFACTURER

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Fax: +49 (0)8821/9621-21 · info@promed.de · www.promed.de

TYPE LABELS



CE-DIRECTIVES



It is designed for operation with a line voltage of 240 VAC, 50 Hz.
 CE according to EC Directive 2006/42/EC in accordance with the EC Directive
 2014/35/EU,
 87/308/EEC,
 2014/30/EU,
 2011/65/EU,
 1907/2006/EC,
 2005/69/EC,
 2001/95/EC
 and 93/68/EEC.

Furthermore, the device fulfills the requirements of the standards:

EN 60335-1:2012
 EN 60335-2-23:2003
 +A1:2008 +A11:2010
 +AC:2012
 EN 62233:2008
 IEC 60335-1:2010
 IEC 60335-2-23:2003
 +Cor. 1:2004 +Cor. 2:2008
 +A1:2008 +Cor. 3:2007
 +A2:2012
 EN 55014-1:2006
 +A1:2009 +A2:2011
 EN 55014-2:1997
 +A1:2001 +A2:2008
 EN 61000-3-2:2005
 +A1:2009 +A2:2009
 EN 61000-3-3:2008
 DIN EN ISO 12100:2010
 DIN EN 60745-1:2010

TECHNICAL SPECIFICATIONS

Appliance type:

Manicure and pedicure unit

Speed:

Continuously adjustable up to 30 000 rpm

Direction of rotation:

Clockwise and counterclockwise

Power supply:

230 VAC/ 50 Hz, 350 VA

ALSO AVAILABLE AS

115 VAC/ 60 Hz, 350 VA

Transformer temperature safety:

= 130°C

Power turbine:

350 Watts

Air quantity:

680 m³/min

Low pressure:

87.3 hPa

Acoustic pressure:

62 dBA

Power hand piece:

40 Watts

Torque:

15 mNm

Weight (Hand piece):

Extra lightweight plastic mouthpiece 95 g

Safety:

230 VAC Version: T2.5AL250 V~

115 VAC Version: T5AL250 V~

Measuring control unit:

(B x H x T) 225 x 170 x 230 mm

Weight (set):

approx. 2.6 kg

LAGER-

Only transport in the original packaging.

Transport and storage temperature:

-20° C – +50° C

(+4° F to +122° F)

Operating temperature:

+10° C – +40° C

(+50° F to +104° F)

Relative humidity: max. 90 % non-condensing

Atmospheric pressure:
700 to 1 060 hPa

An abrupt change in temperature is to be avoided as condensation may arise in the unit. Only operate the unit after the temperature has been equalized.

SCOPE OF SUPPLY

Scope of supply:
1x Control unit
1x Micro motor hand piece
1x Hand piece pocket
1x Hand piece holder
1 im built-in device
+ 5 x dust bag

Accessories:

Foot pedal (rocker panel)
Part-no. 290005
Foot button (On/Off)
Part.-no. 290007
10s pack dust bag
Part-no. 195870
20s pack dust bag
Part-no. 195871
50s pack dust bags
Part-no.195872

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WARRANTY CARD

Device classification

Electric file with suction function

Serial Number

Name/address of customer


Purchase date

Dealers stamp/signature

Important: In a warranty case, please return the fully completed warranty card, and if required enclose the proof of purchase (receipt) to the device.

Read More About This Manual & Download PDF:

Documents / Resources

	<p>promed 4030-SX2 Electric File with Suction Function [pdf] Instruction Manual 4030-SX2, Electric File with Suction Function, 4030-SX2 Electric File with Suction Function</p>
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References

- [G promed](#)
- [Mereneid - All aspects of professional nail care](#)