



RUCK Podiatry Drill PODOLOG ECO | PODOLOG ONE

Instructions for Use



PODOLOG ECO



PODOLOG ONE

EN

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HELLMUT RUCK Podiatry Drill PODOLOG ECO | PODOLOG ONE

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Dear Customer,

Thank you for choosing a PODOLOG ECO or PODOLOG ONE. This high-quality product from RUCK will provide optimum support for your day-to-day work, whether based in a practice or on the move.

Backed by our name and our two-year guarantee, you can be assured of many years of enjoyable and problem-free operation.

Please take some time to read through these operating instructions carefully before setting up the system. These constitute part of the device, help you avoid possible operational errors and should be kept in proximity to the device.

We wish you much success and enjoyment in the use of this product.

Kind regards, HELLMUT RUCK GmbH



Declaration relating to these instructions for use

Hellmut Ruck GmbH reserves all rights to modify and supplement these instructions for use. Hellmut Ruck GmbH has taken great care to keep these instructions free of inaccuracies and omissions. Please contact us if you find mistakes or inaccuracies. However, Hellmut Ruck GmbH assumes no liability for mistakes in these instructions for use or consequential damage resulting from the provision of these instructions for use or their application when using the product. These instructions for use must not be disseminated or supplemented without the express approval of Hellmut Ruck GmbH.

Symbols used



This symbol identifies a potential point of danger for people or for the device itself. It must be taken note of.



This symbol identifies useful advice. Additional information about the product and how to use it is provided here.



CE conformity marking



UKCA conformity marking



Device with protection class II (protective insulation)



Observe the disposal notice.



Manufacturer



Manufacturing date

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1 Device description

1.1 Device types and device variants

These instructions for use apply to both device types: PODOLOG ECO and PODOLOG ONE. There are variants for both device types in terms of voltage and type of mains plug.

1.1.1 Variants of the PODOLOG ECO

Item no.	Voltage	Mains plug
1101101	230 volts	Type C "Euro plug"
1101101UK	230 volts	Type G "UK, IE plug"
1102101	115 volts	Type C "Euro plug"



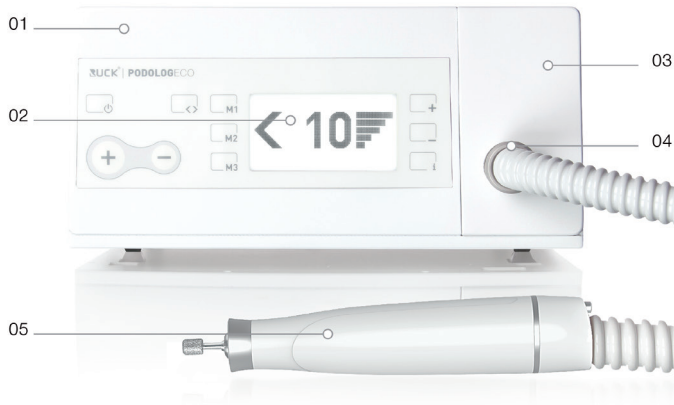
1.1.2 Variants of the PODOLOG ONE

Item no.	Voltage	Mains plug
1101201	230 volts	Type C "Euro plug"
1101201UK	230 volts	Type G "UK, IE plug"
1102201	115 volts	Type C "Euro plug"

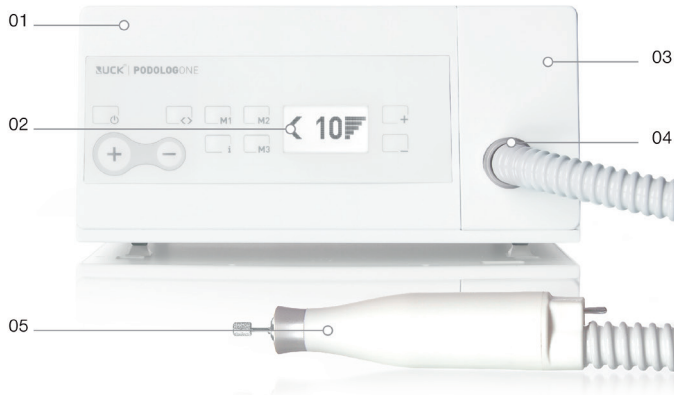


1.2 Front view

PODOLOGECO

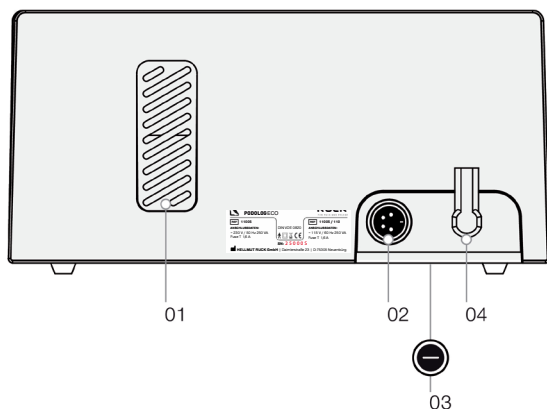


PODOLOGONE



- 01 Controller
- 02 Display
- 03 Dust filter bag drawer
- 04 Hose connector
- 05 Handpiece

1.3 Back view



- 01 Ventilation slots
- 02 Service interface
- 03 Fuse on base
- 04 Mains cable



If the mains cable is damaged, the device must be disconnected from the mains and may not be used any more.



A damaged mains cable may only be replaced by an authorised specialist.

1.4 Packaging

The packaging has been designed to protect the device while in transit. The packaging materials used have been selected with due regard for environmental issues and can be recycled.

Please keep the packaging (box, plastic bag, PU foam parts) to use for returning the device in case of any maintenance work.

1.5 Scope of delivery

Please read through these instructions for use carefully before using the device. These instructions constitute part of the device and should be kept in close proximity to the device. Please check that the delivery is complete.

The following items make up the scope of the delivery:

- 1 Control unit
- 1 Handpiece with hose and drawer
- 1 Dust filter bag
- 1 Set of instructions for use
- 1 Device logbook
- 1 Cleaning tool
- 1 Handpiece holder

1.6 Recycling

Old equipment must be disposed of as electronic waste and should not be treated as domestic waste. Full dust bags can be disposed of with general rubbish.

Please make sure you follow any local guidelines in this respect.



Special country-specific requirements should also be taken into account.

1.7 Warnings on the display



"HANDPIECE OVERLOAD!" - If the handpiece is blocked, the motor speed and suction turbine are switched off after about 5 seconds. This display message disappears after about 10 seconds, after which the handpiece speed can be reset.



"TURBINE OVERTEMP" - If the permissible air temperature in the suction turbine housing is exceeded, the suction turbine and handpiece are switched off. Once the temperature has fallen by around 10 - 15 °C, this display message disappears and the handpiece speed can be reset.

2 Intended usage

The PODOLOG ECO and PODOLOG ONE podiatry drills operate rotating tools such as cutters and grinders for the removal of hard skin, calluses, nails, etc. from feet and hands. The device is intended for use in the following fields of activity: Foot care, nail design, cosmetic treatments, wellness.

Any other usage is undertaken at your own risk and could be dangerous. Improper usage of the device can lead to personal and material damage.

The manufacturer cannot be held responsible for any damage caused by improper or incorrect usage of the equipment.

All rights under the terms of the guarantee are rendered null and void by any improper usage or if the device is opened!



No changes or modifications may be made to the device or its accessories. Should a repair be required, the necessary safety checks must be repeated.



The podiatry drills must not be used for medical purposes.

2.1 Requirements for the person operating the device

The podiatry drill may only be used by pedicurists, cosmeticians, nail designers and other non-medical professionals, who are aware of how the system operates and have received the necessary training.

3 Protection of persons

The likelihood of any person-related risk can be restricted to a very few points by the professional and proper usage of the PODOLOG ECO / ONE.

3.1 Protection of treating and treated persons

To protect operating personnel, person being treated and third parties, the following points must be observed:

- › Only high-quality rotary tools, in compliance with DIN EN ISO 1797-1, with a standardised shaft of Ø 2.35 mm, cylindrical, TYPE 2 may be used. For the rotary tools used, the manufacturer's instructions relating to maximum speed and preparation (cleaning, disinfection and sterilisation) must be followed. You will find additional information in the current catalogue from HELLMUT RUCK GMBH, in the section "Rotary tools".
- › Operating staff must wear protective goggles and mouth and nose protection while using the equipment. Long hair must be tied back or protected by a hairnet.
- › During the treatment, ensure that no objects that could become caught in the rotating parts can enter the treatment area.
- › The tools must be disinfected, cleaned and, if necessary, sterilised after each usage or change of client, in order to avoid the possible transmission of germs to the next person to be treated.
You will find suitable products in our catalogue under the section "Hygiene".
- › Any other surfaces of the handpiece and device that may have become contaminated must be disinfected and cleaned. Under no circumstances should any fluids get into the handpiece as this may cause damage to the device.

3.2 Possible risks for treated persons

The extraction of dust, potentially containing pathogens, significantly reduces the risks of exposure to transmissible germs (microorganisms). Regular and careful anamnesis can help to identify potential risks of infection.

The risk to treated persons from inhalation is reduced to a minimum and the treatment of patients with low levels of immunity can be responsibly undertaken. Nevertheless, the practitioner must wear mouth and nose protection as well as protective gloves while carrying out the treatment.



If any germ-intensive work has been carried out, disinfected and sterilised tools must be used during the next work process, to treat any unaffected areas of skin or nail.

3.2.1 Hazards caused by removed material

The hazard level caused by removed particles (nail splinters or parts of the coarse surface) is low because there is a sufficient distance from the treatment area.

The efficient suction technology of the PODOLOG ECO / ONE minimises the risk of inhaling dust which may potentially contain pathogens. The risk of infection can be further reduced by practising thorough antiseptic skin hygiene prior to the treatment.

3.2.2 Allergy risk

As the person being treated does not normally come into contact with the surfaces of the PODOLOG ECO / ONE, the only potential cause of an allergic reaction is parts of the rotary tools. However, due to the very short contact times (less than 30 minutes), this risk is minimal.

3.2.3 Hazards caused by moving parts

High speeds and pressure may cause an undesired level of heat to develop in the treatment area. In the worst case scenario, the affected tissue may be damaged by the heat produced. Sudden movements of the person being treated or inattention on the part of the treating person can result in unintentional penetration of the skin. However, if the equipment is used properly and the process is constantly visually monitored, this risk is low.



Warning! Penetration of the skin must be avoided!

3.3 Possible risks for treating persons

The extraction of dust, potentially containing pathogens, significantly reduces the risks of exposure to transmissible germs (micro-organisms).

The risk to the treating person through inhalation is reduced to a minimum.



For reasons of hygiene we recommend wearing face/mouth protection.

3.3.1 Hazards caused by removed material

Removed particles (nail splinters, parts of the treated surface) and dusts present a hazard due to their proximity to the treatment area. To minimise the risk the user must wear goggles and mouth and nose protection during the treatment.

3.3.2 Allergy risk

It is possible, but extremely unlikely, that allergic reactions to the material of the handpiece may occur. For hygiene reasons we would also recommend that disposable gloves be worn.

3.3.3 Hazards caused by moving parts

Hair, jewellery and clothing may get caught in rotating parts. To avoid injury, long hair should be tied back or protected by a hairnet. In the interests of hygiene, jewellery should not be worn. The user should wear clothes that cannot get caught in the tool.

4 Set-up

4.1 Technical safety

- › Before using the device for the first time, you should ensure that the mains power characteristics match the values quoted on the rating plate.
- › Make sure the controller is located on a flat, stable surface.
- › The ventilation slots in the device must be kept uncovered at all times.
- › Avoid damaging the mains cable through squashing, bending or rubbing against sharp edges.
- › Don't introduce any fluids into the unit.
- › Protect the device from all types of moisture that could find its way inside the housing. There is a danger of electrical shock if there is dampness in the device!
- › Switch the device off before maintenance and cleaning and unplug it from the mains power.
- › Never immerse the device in water or other fluids.
- › Remove the plug from the mains immediately, if the device is damaged or if it starts to function incorrectly.
- › Repairs should only be carried out by qualified repair technicians.
- › If the device is opened, all rights under the terms of the guarantee are void!
- › All tools used must comply with DIN EN ISO 1797-1 in order to guarantee safe operation. Please see also chapter 3.1 Protection of treating and treated persons, page 14.
- › Do not store the PODOLOG ECO / ONE directly next to or with other devices. Should this be necessary, please make sure that all intended functions of the PODOLOG ECO / ONE work properly.



The use of other equipment than that prescribed may result in increased emissions or reduced immunity to interference.



Risk of strangulation from handpiece hose and mains cable. Keep children away from the device.



Risk of swallowing in the case of required accessories (small parts), e.g. cutters. Keep children away from the device.



Use the supplied packaging to protect the device against mechanical damage and damp when transporting it between deployments.



When using the device in domestic premises, there can be a risk resulting from mains cables that have been damaged by animals, for example.



Please check the mains power connection regularly for signs of damage and if any are found, disconnect the device from the mains.



When using the device in domestic premises, there can be a risk that the device may be tampered with by children. Keep children away from the device.



Protect the device against pest infestation through regular checks and cleaning.



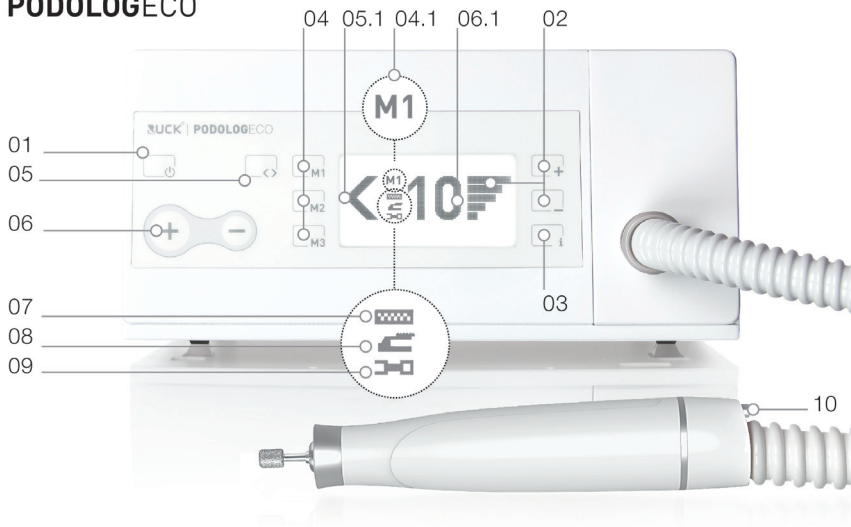
The instructions regarding operation and transport of the device must be adhered to.



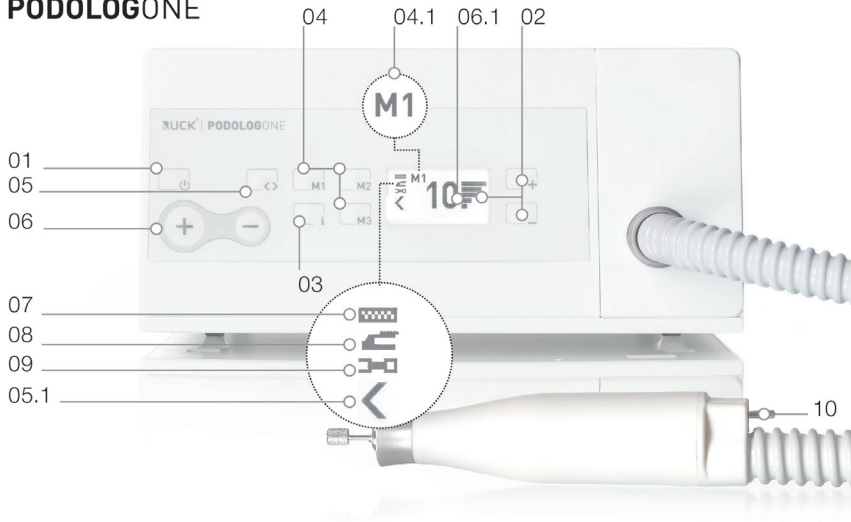
Please ensure that you have easy access to the mains plug at all times so that the device can be unplugged from the mains without difficulty. The mains plug represents the separator to the mains power supply.

5 Operation

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PODOLOGONE



01	Standby button	Press this button to activate/deactivate the standby mode.
02	Setting for extraction power	Increase [+] or decrease [-] the extraction power. The power level is shown in the display.
03	Info menu [i]	This menu allows you to find out when the next filter change or maintenance is due. Press and hold the button for 5 seconds to change the basic settings, e.g. language.
04	Buttons for saving user settings	Three different combinations of rotational speed, rotation direction, user settings and extraction power can be saved. The memory is shown in the display (04.1).
05	Right-hand/left-hand	Sets the rotational direction of the tool.
06	Buttons for setting the speed	Pressing the [+] button increases the speed in steps of 1000. Pressing the [-] button reduces the speed in steps of 1000. The current speed is shown in the display (06.1).
07	Filter bag change	The icon appears as a reminder that a filter bag change is due.
08	Service interface	The symbol appears when the plug for the service interface is connected.
09	Maintenance	The icon appears as a reminder that a maintenance is due.
10	On/off switch	Switches the device on/off for treatment.

5.1 Preparations for operation

- › Open the dust filter bag drawer by pulling on the hose connector.
- › Please check if the supplied filter bag has been inserted. If this is not the case, connect the bag to the sleeve at the end of the tool hose. Please refer to page 34.
- › Close the drawer by sliding it in.
- › Switch the device on using the standby button.



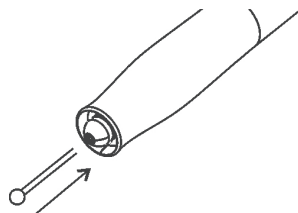
Always work with a dust filter bag fitted.



The filter bag drawer must always be closed when the unit is in operation.
The PODOLOG ECO / ONE switches off if the drawer is opened.

5.1.1 Inserting a rotary tool

Insert the rotary tool (grinder/cutter) that you need for your work in the opening of the handpiece.
The tool only has to be inserted (quick-action chuck).



The tool shaft must be fully inserted!



Ensure that the tool shaft is not bent, as this may cause an imbalance which may damage the handpiece and impair the tool hold.

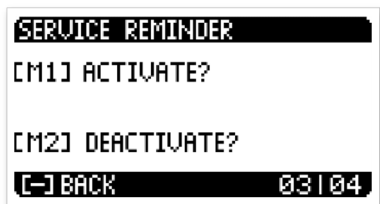
5.1.2 Switching on the PODOLOG ECO / ONE

Press the standby button. The PODOLOG ECO / ONE is now switched on and ready to use.



The first time it is switched on, the PODOLOG ECO / ONE is set to your language and your area of activity. Additionally, you can activate the service reminder function so that you are reminded in time when the next service is due. Please refer to Chapter 5.5 Info Menu on page 30. You are guided through the Start menu, step by step. At the end, confirm your inputs with the [M1] button.

Display message the first time the PODOLOG ECO / ONE is used:





If you want to modify any of the Start menu settings in the future, press and hold the [i] button for 5 seconds.

5.1.3 Switching on the handpiece

Set the desired tool speed by tapping the round buttons [+] and [-]. The displayed value x 1000 is the speed (rpm). Pick up the handpiece and press the switch at the rear end of the handpiece.



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The motor runs at the set speed and you can start your work.



The speed setting may not exceed the permitted maximum speed of your tool.

5.1.4 Switching off the handpiece

While the motor is running, press the switch at the rear end of the handpiece. The motor is switched off and you can pause your work.

5.1.5 Switching off the PODOLOG ECO / ONE

Press the standby button. The PODOLOG ECO / ONE is now switched off and goes into standby mode.



Please ensure that you have easy access to the mains plug at all times so that the device can be unplugged from the mains without difficulty. The mains plug represents the separator to the mains power supply.

5.2 Settings

5.2.1 Speed of the handpiece motor

The appropriate speed for the tool is set using the round [+] and [-] buttons.



Pressing the [+] button	Speed is increased	Max. speed: 25 000 rpm
Pressing the [-] button	Speed is decreased	Min. speed: 4 000 rpm

For large-surface cutters, the optimum rotation speed is in the range from: 8 000 – 12 000 rpm.

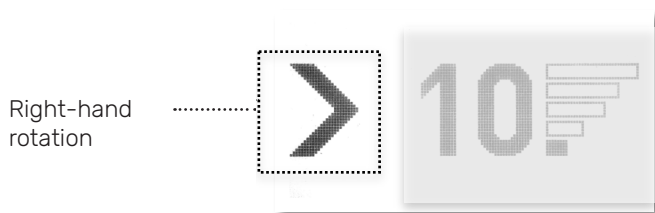


The speed setting may not exceed the permitted maximum speed of your tool.

You will find the maximum permitted rotational speeds for all cutters and grinders in the "Rotary instruments" chapter of the HELLMUT RUCK GmbH Catalogue.

5.2.2 Right-hand / left-hand direction of rotation

You can set your tool to right-hand or left-hand rotation depending on which tool you are using and on whether you are right-handed or left-handed.



The arrow shows the direction of rotation.



Arrow to the right – Right-hand rotation



Arrow to the left – Left-hand rotation

5.2.3 Changing the rotation direction

The rotation direction can be modified while the machine is running.

Press the arrow button. The set motor speed automatically returns to zero and the rotation direction is changed. The motor starts up again at the previous speed setting.



5.2.4 Selecting the extraction power level

You can set the extraction power level to meet the current working requirements.

Repeated pressing of the [-] button decreases the extraction power level. Repeated pressing of the [+] button increases the extraction power level.



Pressing and holding the corresponding button controls the extraction power level in the desired direction.

There are five extraction power levels.



5.2.5 Saving settings

To make your work easier, you can save up to three different settings for rotational speed, rotation direction and extraction power. Using the [M1], [M2] and [M3] buttons, you can save and call the required settings.



Set the required rotational speed with the speed control knob. Select right-hand or left-hand rotation direction. Select the extraction power level. Press the corresponding [M1], [M2] or [M3] button for approximately 2 seconds.

"MEMORIZED" appears in the display.



With a brief push on [M1], [M2] or [M3], the corresponding saved value is called up.



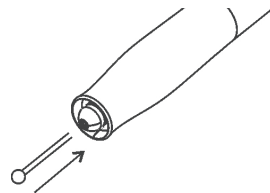
You can change the settings at any time while the machine is in operation.



The speed setting may not exceed the permitted maximum speed of your tool.

5.3 Changing tools

- › Switch off the motor on the handpiece.
- › Pull the tool out of the handpiece.
- › Insert a different tool into the handpiece's opening.

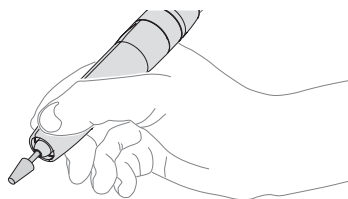


Tools should only be changed when the handpiece motor has been switched off.
The tool shaft must be fully inserted!

5.4 Ergonomic holding position of the handpiece

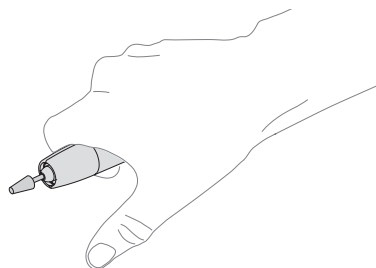
5.4.1 Fountain pen grip

Fine work can be done ergonomically and accurately using the fountain pen grip.



5.4.2 Overhand grip

When carrying out surface work, gripping the holder from above and supporting it with the thumb makes for accurate and relaxed working.



5.5 Info menu

The INFOMENU offers you the option of calling up the following information and functions:

- › Displaying the operating hours until the next filter change
- › Displaying the next service date
- › Option to activate or deactivate the maintenance reminder

Press the [i] button to access the INFOMENU. Scroll through the individual menu items with the [+] and [-] buttons.

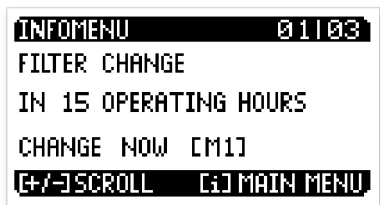


5.5.1 Displaying the operating hours until the next filter change

The remaining operating hours until the next filter change are displayed in INFOMENU 01|03. If a new filter has been inserted, the following values are displayed depending on the saved activity field:

- › 15 operating hours in the "Nail Design" field of activity
- › 30 operating hours in the "Footcare/Chiropody" field of activity

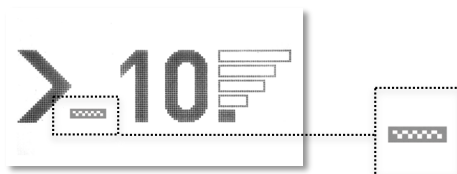
Beyond this, we recommend checking the fill level of the filter at least once a week.



When the time period has elapsed, 00 operating hours are displayed as the remaining time. 00 is also displayed if the time period is exceeded.

As soon as 00 is reached, the filter change symbol appears the next time the device is switched on. The symbol helps you to plan the filter change.

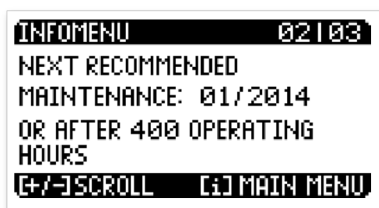
A description of how to change the filter can be found on page 33.



5.5.2 Displaying the next maintenance date

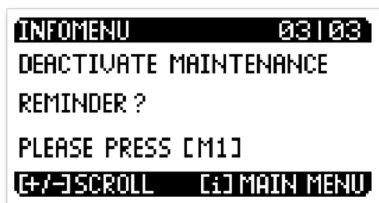
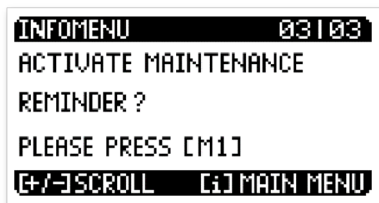
This practical display lets you know when the next maintenance is due for your PODOLOG ECO / ONE:

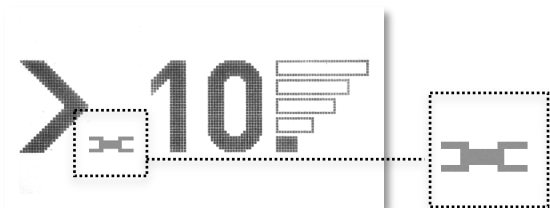
Device type:	PODOLOG ECO	PODOLOG ONE
Maintenance due after:	2 years or 900 operating hours	2 years or 360 operating hours



5.5.3 Activating the maintenance reminder

If you activate the maintenance reminder function, your PODOLOG ECO / ONE will let you know when the next maintenance is due. You can activate/deactivate this function through the INFO MENU. The maintenance icon appears in the display after 900 operating hours in the case of the PODOLOG ECO or 360 operating hours in the case of the PODOLOG ONE.





6 Maintenance and cleaning

6.1 Maintenance

The PODOLOG ECO / ONE is largely maintenance-free. The most important aspect of maintenance is the timely changing of the filter. It guarantees a correct suction function.



You should clean the outside of the device and disinfect it if required after each treatment and remove dust particles from the handpiece at least once a day.

You will find suitable products in our catalogue under the section "Cleaning and Disinfection". We recommend using RUCK alcohol-free disinfectant cloths to clean and disinfect the motor unit (item no. 2966702, 2967002, 2967102, 2967202).



Switch the device off before cleaning and unplug it from the mains power!



Return the device for regular maintenance:

HELLMUT RUCK GmbH
Daimlerstr. 23
D-75305 Neuenbürg, Germany

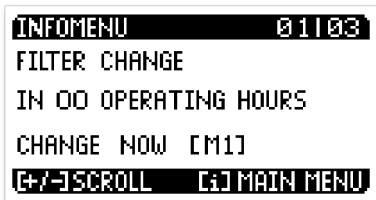
fon +49 (0) 7082 944 20
fax +49 (0) 7082 944 22 22
kontakt@hellmut-ruck.de

6.2 Changing the filter

6.2.1 Filter change at any time

You can change the dust filter bag at any time.

Press the [i] button to access the INFOMENU. Then press the [M1] button to start the changing process. Continue as described on page 34.

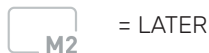
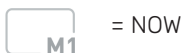


6.2.2 Filter change during operation

If the counter for the operating hours counter reaches 00 during operation, the device displays the FILTER CHANGE menu. You can now decide whether to change the filter now or later.

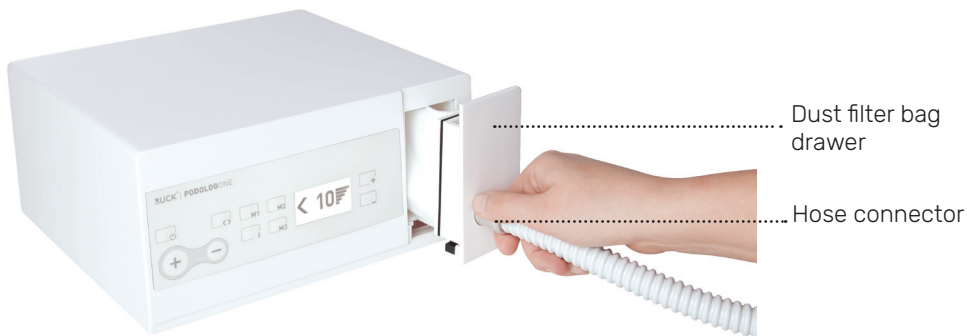


Select:



If you select LATER, the device displays a reminder every 5 hours until the filter change has been carried out.

6.2.3 Carrying out the filter change



Once you have started the changing process by pressing the [M1] button, this image appears on the display:



Open the dust filter bag drawer by pulling on the hose connector. Hold the filter drawer in such a way that the hose connector still points upwards. Now remove the full bag from the hose sleeve. Close it using the plug supplied for this purpose.

Insert a new bag and locate the opening over the hose sleeve. Close the dust filter bag drawer.

Confirm that the change has been made by pressing the [M1] button, which then returns you to the STANDARD MENU.





The dust filter bag should not be emptied and reused.



Should you use the device for the treatment of artificial nails (nail design, nail prostheses), please take into consideration that the time between filter changes shifts due to the high degree of erosion. A weekly check of the level is necessary to ensure smooth operation. When treating artificial nails please do not forget to protect your eyes, mouth and nose by using a face-mask and goggles!



Once a week, you should check that the dust filter bag drawer is correctly seated and at the same time, you should also check the filling level of the bag. The procedure that you need to follow is detailed above. If necessary, you should replace the dust filter bag.

6.2.4 Where can you get replacement dust filter bags?

New dust filter bags can be ordered from HELLMUT RUCK GmbH under the item number 1105003.



Please ensure that you only use original dust filter bags from the manufacturer.

6.3 Cleaning the motor unit

The handpiece should always be cleaned inside and the sleeve should be disinfected after each use. To do this, the handpiece sleeve can be removed.



Do not use disinfecting sprays. Dampness could penetrate and lead to bearing damage.



We recommend RUCK alcohol-free disinfectant cloths (item no 2966702, 2967002, 2967102, 2967202) for gentle cleaning and disinfection.

The handpiece can be disassembled for cleaning.

To clean the inside of the grip sleeve, it can be pulled off by gently tilting the motor casing and motor base apart.

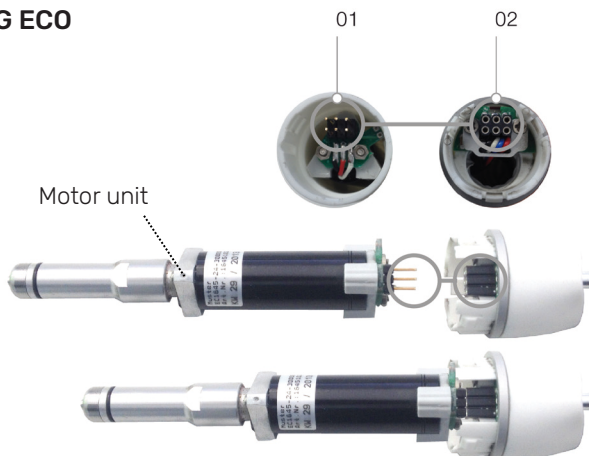
This releases the connection with the motor.



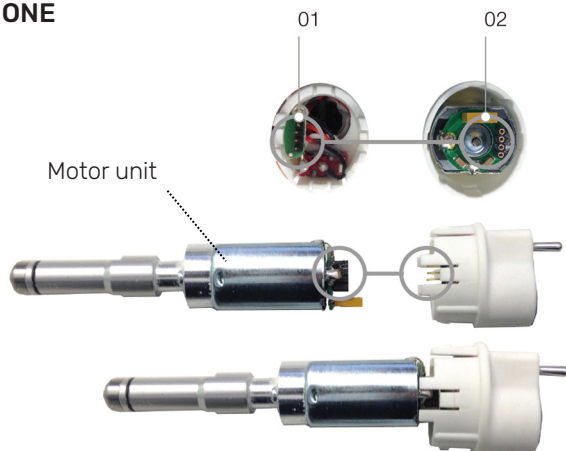
The motor and chuck can then be slid down and out, for example using the drill pin supplied. The inside of the grip sleeve can then be cleaned.

To reassemble the handpiece, align the motor unit with the guide rails on the motor casing. When assembling the motor connection, please attach and slide in the plug connectors (02) carefully to avoid damaging the contact pins (01). Make sure the plug connectors are correctly and symmetrically aligned.

PODOLOG ECO



PODOLOG ONE



Never immerse the handpiece in water or other fluids as this creates a risk of an electric shock.



Do not use disinfecting sprays. Dampness could penetrate and lead to damage to the electronics.

6.4 Cleaning and disinfection

Risk of disease transmission. Insufficient disinfection can result in transmission of disease. Always comply with the requirements of the responsible national body for hygiene and disinfection. Use the RUCK alcohol-free disinfectant cloths (item no. 2966702, 2967002, 2967102, 2967202) – do not use any spray disinfectants. It must be possible to effectively evaporate surface disinfectants before the next treatment; allow surface disinfectants to thoroughly dry as specified by the manufacturer, but do not wipe surfaces dry.

After every treatment, the outer surfaces of the handpiece and front panel of the controller are wiped down with a suitable surface disinfectant.

When the treatment is completed the handpiece sleeve is removed and all accessible surfaces (inside of handpiece, inside and outside of sleeve) are cleaned and wiped down with disinfectant. The suction hose is also wiped with disinfectant.

To disinfect all parts of the controller and holder, we recommend RUCK alcohol-free disinfectant cloths (item no. 2966702, 2967002, 2967102, 2967202). These can be found in our main catalogue or at www.hellmut-ruck.de.



Never immerse the device in water or other fluids as this creates a risk of an electric shock.



Do not use disinfecting sprays. Dampness could penetrate and lead to damage to the electronics.



We recommend RUCK alcohol-free disinfectant cloths (item no. 2966702, 2967002, 2967102, 2967202) for gentle cleaning and disinfection.

7 Accessories and spare parts

7.1 Tools

You can use all rotary instruments (cutters, grinders, polishers, etc.) in accordance with DIN EN ISO 1797-1 with a standardised shaft diameter of 2.35 mm. You will find a wide range in our catalogue.

7.2 Dust filter bags

You should only use original dust filter bags from the manufacturer Item no. 1105003 Replacement filter for PODOLOG ECO/ PODOLOG ONE, 3 pcs.

8 Technical Data

PODOLOG ECO	230 V - Version	115 V - Version
Controller dimensions (W/D/H) in mm	250/235/120	250/235/120
Weight in g	approx. 2800	approx. 2800
Handpiece dimensions Length in mm	127	127
Weight in g	ca. 110	ca. 110
Voltage Controller	230 V, 50 Hz AC voltage	115 V, 60 Hz AC voltage
Power consumption	max. 250 VA	max. 250 VA
Micromotor voltage	24 V	24 V
Constant load	40 W	40 W
Idling speed (rpm)	25 000	25 000
Airflow at max. power*	approx. 190 l/Min.	approx. 190 l/Min.
Fuse	T 1,6 A	T 3,15 A
Service due after:	2 years or 900 operating hours	2 years or 900 operating hours

* The volume flow (l/min.) is measured at the handpiece air inlet with a calibrated measuring device.

PODOLOG ONE	230 V - Version	115 V - Version
Controller dimensions (W/D/H) in mm	250/235/120	250/235/120
Weight in g	approx. 3300	approx. 3300
Handpiece dimensions Length in mm	122	122
Weight in g	approx. 110	approx. 110
Voltage Controller	230 V, 50 Hz Wechselspannung	115 V, 60 Hz Wechselspannung
Power consumption	max. 350 VA	max. 350 VA
Micromotor voltage	24 V	24 V
Constant load	40 W	40 W
Idling speed (rpm)	25 000	25 000
Airflow at max. power*	approx. 155 l/Min.	approx. 155 l/Min.
Fuse	T 2,5 A	T 5 A
Service due after:	2 year or 360 operating hours	2 year or 360 operating hours

* The volume flow (l/min.) is measured at the handpiece air inlet with a calibrated measuring device.

We are not aware of any electro-magnetic interactions between the PODOLOG ECO / ONE and any other equipment.

8.1 Ambient conditions

Ambient temperature during operation	+10 °C to +40 °C
Ambient temperature during transit and storage	-25 °C (without monitoring of relative air humidity) up to +70 °C (at relative air humidity of up to 90 %, without condensation)
Air humidity	15 % to 90 % (without condensation)
Air pressure	700 hPa (≈ 3000 metres above sea level) - 1060 hPa

9 Guarantee

The product comes with a 2-year guarantee. Normal wear of surfaces, castors, etc., and other moving parts is excluded from the warranty. Traces of use and signs of wear and tear due to age and use, which are based on normal use corresponding to the equipment performance and the nature of the equipment, are in accordance with the contract and are not defects in the legal sense.

The guarantee runs from the date of purchase when the product was first bought. The date of purchase has to be confirmed by the sales receipt. Within the scope of the warranty, HELLMUT RUCK GmbH will, at no charge, either repair or replace the defective products – at RUCK's discretion. The prerequisite is carriage-paid shipment of the defective product together with the purchase receipt. The local agent is responsible for claims made outside of Germany. In case of doubt, please check with RUCK before returning the device. The warranty becomes null and void if we find that the problem was caused by improper or incorrect installation or usage, by non-observance of the operating instructions, by external influence or as a result of an unauthorised repair or modification.

The warranty is limited to repair or replacement of the product. Further liability (loss of revenue or earnings in particular) is excluded. However, if it transpires that it is a problem that is not covered by the terms of the warranty or that the period of the guarantee has elapsed, any costs for inspection and repair must be borne by the customer.

We reserve the right to make changes to and deviations from the technical design.

10 Disposal



Environmental hazard!

Incorrect disposal endangers our environment.



Please use available return and collection systems for disposing of the
PODOLOG ECO / ONE at the end of its life-cycle!

HELLMUT RUCK GmbH
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DE-75305 Neuenbürg
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