ProDevice

www.pro-device.com


# INSTRUCTION MANUAL

## ProDevice ASM240 Degausser

MODELS:

- Basic
- Professional
- Ultimate

ORIGINAL MANUAL

Manual version - V.ASM240.2025.1.EN
Software version - V1.0 / V1.0

Manufactured by: DISKUS Polska Sp. z o. o., ul. Kościuszki 1, 32-020 Wieliczka, Poland

Thank you for purchasing the ProDevice ASM240 degausser. This device has been designed using the latest technical knowledge and manufactured using modern and reliable electrical, electronic and mechanical components. It produces a strong magnetic field that allows for the complete erasure of data from magnetic storage media.

Read this instruction manual before use.

Follow safe operating procedures.

The manufacturer is not liable for any accidents or damages resulting from improper use of the product or as a result of using it in a manner inconsistent with or deviating from the principles set out in this instruction manual.

The manufacturer reserves the right to introduce changes to the design of the devices, deemed necessary by the manufacturer to improve them.

This instruction manual is an integral part of the device.

# CONTENTS

# 1. INTRODUCTION

A product that is a machine may be referred to in the manual as: a machine, a product, a device.

- Before start-up, read the device's instruction manual.
- Keep the instruction manual.
- Store the instruction manual with the device.
- Follow all safety guidelines.
- If you have any questions about the product or the information provided with it, please contact the manufacturer for additional answers.
- Contact details can be found on the last page.
- Keep the proof of purchase for your device.
- Keep the device's operating instructions along with all additional documentation.
- The device must be registered at: https://www.pro-device.com/en/product-registration/

## 1.1. FULFILLMENT OF LEGAL REQUIREMENTS OF THE CONFORMITY ASSESSMENT SYSTEM

The manufacturer declares that the product meets the safety requirements within the scope of European Union directives:

- Directive MD 2006/42/EC together with LVD requirements, which have been incorporated into the Machinery Directive and concern units that are not machines when supplied on their own and have been built into a technological line. Electrical safety requirements are included in the harmonized standard concerning the electrical equipment of machines.
- Directive EMC 2014/30/EU

and regulations resulting from harmonized standards and other technical standards. The signed and dated declaration of conformity is a separate document, attached to each device. The declaration of conformity contains a specified list of applied standards.

The device is marked with the symbol of compliance with the essential requirements:

CE

# 2. SAFETY

The information contained in this section are important for the safe operation of the device. All places in the manual that contain information of high importance are marked with an exclamation mark on a yellow background:

The manufacturer will not be liable for any damages resulting from improper use of the installation, which is a set of machines and devices, or as a result of use in a manner inconsistent with or deviating from the principles set out in this instruction manual or other materials provided by the manufacturer.

DISKUS Polska Sp. z o. o. will not be liable for any damage to the product resulting from failure to comply with the operating instructions.

The user of the device should ensure that appropriate occupational health and safety regulations are implemented for all employees who operate the device or may have any contact with it.

ATTENTION!

The product is not intended for installation in explosion hazard zones (Ex).

## 2.1. GENERAL SAFETY INFORMATION

- The safety guidelines described in the manual apply to all device models.
- Follow the safety guidelines described in the manual.
- Make sure you are familiar with the operation of the device.
- If the device malfunctions, discontinue work until the defect is repaired.
- Have the device serviced by the manufacturer or an authorized service technician designated by the manufacturer.
- Follow inspection and maintenance rules and schedule.
- Any unauthorized modification to the device invalidates the declaration of conformity and the warranty conditions.
- It is prohibited to connect the device using an extension cord without a grounding wire.
- It is prohibited to connect the device using a power cable without a grounding wire.
- The electrical installation to which the device is connected must be equipped with sockets with a grounding pin.
- It is recommended to equip the electrical installation to which the device is connected with a differential circuit breaker.
- The device may pose a risk to users with pacemakers and other active medical implants.

## 2.2. SAFETY SYMBOLS, PICTOGRAMS AND WARNING SIGNS

This manual contains a list of the symbols that have been used. The meaning of each of them is explained in this chapter, through a description placed next to the sign.

The rule applies:

- Square signs, green with a white symbol – informational.
- Round, blue signs with a white symbol – mandatory.
- Triangular signs, yellow with a black symbol – warning.
- Round, red signs with a black symbol on a white background – prohibition.

MAIN SWITCH

This sign indicates the location of the main switch.

It is used to identify the place where the device can be completely switched off or disconnected from the electrical power source.

REFER TO INSTRUCTION MANUAL

Read the instructions before starting the device or starting work. Follow the rules for safe operation.

WEAR HEARING PROTECTION

Wear earphones or other ear protection to avoid excessive noise and hearing damage.

CONNECT AN EARTH TERMINAL TO THE GROUND

The appliance must be grounded to avoid electric shock.

GENERAL WARNING SIGN

Exercise caution, consult the manual for information.

The symbol in the manual informs about important warnings and guidelines to be followed when working with the device.

HOT SURFACE

Exercise extreme caution and follow guidelines.

The sign is used in places where personnel may be exposed to high temperatures that pose a risk of burns.

MAGNETIC FIELD

Zachowaj szczególną ostrożność i stosuj się do wytycznych.

The sign is used in places where operator may be exposed to a strong electromagnetic field.

CRUSHING OF HANDS

Exercise extreme caution when working next to moving parts.

ACCESS PROHIBITION

It is prohibited to open covers and enter the area thus marked during operation, as well as to insert any part of the body while the device is operating.

NO ACCESS FOR PEOPLE WITH ACTIVE IMPLANTED DEVICES

The product generates a high-intensity electromagnetic field, which may pose a risk to people with pacemakers and other active medical implants.

## OTHER MARKINGS

CE MARKING

The marking indicates that, according to the manufacturer's declaration, the product meets the essential requirements of the European Union conformity assessment system.

The marking can be found on the nameplate.

WEEE MARKING 2012/19/EU

This symbol indicates that the product is subject to WEEE 2012/19/EU regulations. The device or any of its electrical or electronic parts may not be disposed of with household or similar waste. When disposing of waste from the device, proceed in accordance with the regulations in order to avoid negative effects on the environment and human health, which could occur due to improper handling of this waste. For further information on recycling waste from this product, contact your local municipal authorities, the relevant waste disposal service, or the supplier of the product.

The marking can be found on the nameplate.

## 2.3. POTENTIAL HAZARDS FROM INTENDED USE

List of potential threats

| Hazard during normal use | Possible cause | Prevention |
|---|---|---|
| Damage during transport | Fall, impact | The device must be secured against the possibility of moving. It must be ensured that other objects do not fall on the device. |
| Damage during storage | Fall from a height | Shelves must have adequate load-bearing capacity and a suitable, flat, and undamaged surface. Be careful when removing other items stored nearby to avoid knocking the device over. During storage, the device should be properly secured to prevent falls. |
| Usage errors | Failure to read the user manual | Avoid routine. Reading the instructions is mandatory, regardless of experience. |
| Strain | Failure to comply with occupational health and safety regulations | In accordance with occupational health and safety regulations, two people are required to transport the device, the weight of the device is given on the nameplate. |

## 2.4. POTENTIAL HAZARDS FROM MISUSE

List of potential threats

| Hazard during improper use | Possible cause | Prevention |
|---|---|---|
| Use by unauthorized personnel | Lack of supervision by an authorized person | Have direct control over the device |
| Failure to follow maintenance rules | Failure to read the user manual | Read and understand the instructions. |
| Life-threatening situations for people with active medical implants | Removing covers, opening the housing | Follow the instructions in the user manual. Do not remove covers or insert body parts or objects into the device. |
| Electric shock | Removing covers, opening the housing | Follow the instructions in the user manual. Do not remove covers or insert body parts or objects into the device. |
| | Inserting the conductive element through the ventilation hole | |
| Burns | Inserting your hand into the coil after a long period of work | Follow the instructions in the user manual. Do not remove covers or insert body parts or objects into the device. |

## 2.5. RESIDUAL RISKS

List of potential threats

| Residual Risk Type | Cause | Ways to minimize risk |
|---|---|---|
| Hearing damage | Not wearing hearing protection | No reduction possible.<br>Proper protection depends on the user. |

## 2.6. PEOPLE AT RISK

- User – occasionally, due to the periodic operation of the device.
- Service personnel - rarely, within the scope of activities performed.
- Cleaning staff - contact with the device is possible due to the activities performed. Make sure that the device is not left switched on.
- Persons visiting the site - the risk is eliminated through supervision by a guide.

## 2.7. SUBSTANCES AND EMISSIONS

The device does not use or process any chemicals. Therefore, there is no risk of emissions associated with its operation.

Noise emission – see chapter 3.3. "Technical parameters".

## 2.8. PERSONAL PROTECTIVE EQUIPMENT

Hearing protection is required when operating this device - wear anti-noise earmuffs or other ear protection to avoid excessive noise and hearing damage.

### 2.9. EMERGENCY SITUATIONS

- Failure - if you notice improper operation of the device, immediately disconnect it from the power source. Report the problem to the manufacturer's service.
- Accident - stop the device immediately, disconnect it from the power source immediately. Take necessary actions according to the first aid instructions.

# 3. GENERAL DESCRIPTION OF PURPOSE, CONSTRUCTION AND OPERATION

The device is delivered to the buyer in a dedicated box or case. Due to the device's weight, at least two people are required to unpack it and then transport it to the installation site. Carefully remove all packaging materials and check that the contents are complete and in accordance with the product specifications for the given model. After removing the packaging materials, immediately check the device for any signs of damage incurred during transport. If the device or any accessories intended for it are damaged, report this fact to the forwarder and the manufacturer.

Before first use, wait at least 12 hours for the device to equalize in temperature with the surroundings.

### 3.1. DESCRIPTION AND PURPOSE

The ProDevice ASM240 degausser is designed to erase data from commercially available magnetic media. Placing media in the chamber allows for data deletion from various media types and sizes. There's no need for additional connectors or adapters.

The powerful magnetic pulse generated by the device physically changes the media's ferromagnetic layer, transforming it into a paramagnetic layer. This causes irreversible data loss and renders the media unusable (data cannot be rewritten — this does not apply to certain tape types: DAT and DLT).

The device is designed for operation in closed rooms, e.g. offices.

## 3.2. DIFFERENCES BETWEEN MODELS

The ProDevice ASM240 degausser comes in three versions:

- Basic
- Professional
- Ultimate

### List of differences between models

| Parameter | Basic | Professional | Ultimate |
|---|---|---|---|
| Device weight [kg] | 37 | 37,5 | 38,5 |
| PPMS Technology * | No | Yes | Yes |
| Multiplatform app | Yes (basic functionality) | Yes (extended functionality **) | Yes (extended functionality **) |
| Built-in camera | No | No | Yes *** |

* (Pre - Paid Management System) the ability to pre-program a specific number of cycles, after which the device is automatically blocked.

** The extended functionality of the application includes a degaussing module that allows you to generate a report on the performed process, along with data on the completed cycles downloaded from the device..

*** This option allows the device to take a photo autonomously during each cycle. The photos are then visible in the process report.

## 3.3. PACKAGE CONTENTS

- ProDevice ASM240 degausser
- IEC C13 (female) - CEE 7/7 (E/F) power cable
- Media slide for degaussed media
- microSDHC memory card 32 GB + SD adapter
- USB-A stick with manual instructions
- USB-A 150 Mb/s network card (in Professional and Ultimate versions)

## 3.4. TECHNICAL PARAMETERS

List of technical parameters

| Parameter | Value |
|---|---|
| Power supply | 1~ 230 V AC 50 Hz * |
| Rated current [A] | 2,5 |
| Rated current (standby mode) [A] | 0,5 |
| Rated power [VA] | 575 |
| Rated power (standby mode) [VA] | 115 |
| Maximum magnetic induction | 2 T (20 000 Gauss) |
| Device dimensions [mm] | 465 x 350 x 325 |
| Device weight [kg] | 38,5 ** |
| Sound pressure level [dB(A)] | 91,8 *** |
| IP protection class | IP20 |
| Cycle time | 5 s / medium **** |
| Permissible ambient temperature | 15 °C – 60 °C |
| Permissible ambient humidity | 105 % – 80 % (no condensation) |
| Maximum media dimensions [mm] | 150 x 112 x 25 |

* Depending on the user's country, the device's power supply may vary (available options: 100 – 250 V AC, 50 / 60 Hz).

** Depending on the model selected, the weight of the device may change.

*** The measurement was taken in operating mode, during a degaussing cycle of a 3.5" enterprise HDD. Background noise level: 60.3 dB(A). Idle level: 60.9 dB(A). The device emits impulse noise with a maximum level of 91.8 dB(A) once during each operating cycle. Due to the occurrence of impulse noise above 85 dB(A), it is recommended to use anti-noise earmuffs or other hearing protection measures when staying near the device during operation.

**** Depending on the selected power supply type and device operating mode, the cycle time may vary. Cycle time is the time between pressing the start button and the demagnetization of the medium.

## 3.5. PROHIBITED USAGE PATTERNS

- It is prohibited to start work without knowing the operating instructions.
- It is prohibited to have the device repaired by unqualified personnel.
- It is prohibited to interfere with the design of the device.
- It is prohibited to open the casing or modify the device.
- It is prohibited to insert objects or body parts into openings in the device.
- It is prohibited to cover the ventilation openings of the device.
- It is prohibited to connect the device to a faulty power supply network.
- It is prohibited to connect the device using an extension cord without a grounding wire.
- It is prohibited to connect the device using a power cable without a grounding wire.
- It is prohibited to bypass the device's security systems.
- It is prohibited to use liquids to clean the device.
- It is prohibited to place containers with liquids on the device housing.
- The device must not be operated by personnel whose condition indicates their incapacity for work.
- It is prohibited to use the device in a damaged condition.
- It is prohibited to start work when the covers are removed.
- It is prohibited to store or use the device in places where it may be exposed to moisture or temperatures exceeding the permitted limits.
- It is prohibited to connect or disconnect the power plug under load.
- It is prohibited to use the appliance with an unsecured power plug.
- It is prohibited to operate the device by persons not equipped with appropriate personal protective equipment.

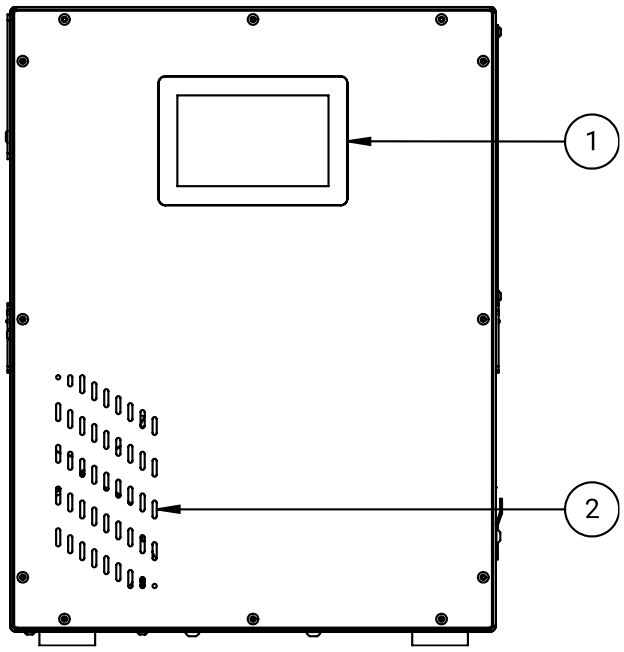
## 3.6. RULES FOR SAFE USAGE

- Carry out regular checks of the technical condition of the device.
- Report any irregularities noticed to your supervisor.
- Make sure new employees are trained.
- Make sure new employees are familiar with the operating instructions.
- In the event of a failure or interruption in operation due to damage to the device or any of its components, contact the manufacturer's authorized service center.
- Operating the device may pose a risk to pregnant women and people with pacemakers.
- The device requires inspection by an authorized manufacturer’s service center at least every 10 000 cycles or once every six months.
- Repairs during the warranty period may only be performed by an authorized manufacturer's service center.
- During the post-warranty period, it is recommended that repairs be carried out by an authorized service center of the manufacturer or service technicians with appropriate qualifications and knowledge of the machines undergoing repairs.
- Improper handling of the device during repair may result in electric shock and death.
- Before carrying out any assembly, maintenance or inspection activities, disconnect the device from the power supply by disconnecting the power cord from the mains and then from the device and wait until the device has equalised temperature with the surroundings.
- If the power supply is disconnected, the operator must be able to see that the machine is disconnected (the power supply cord is disconnected and remains disconnected) from every point to which he has access. If this is not possible due to the design or installation of the machine, the disconnection must be provided with a locking system in the disconnected position.

## 3.7. FUNCTIONAL ELEMENTS AND OPERATION

### 3.7.1. REVIEW

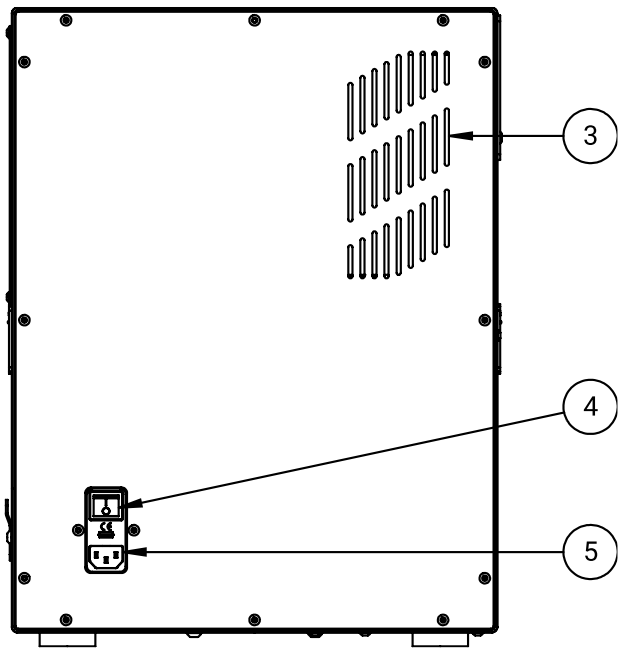
Front view




1. Touchscreen display

2. Ventilation holes

Back view

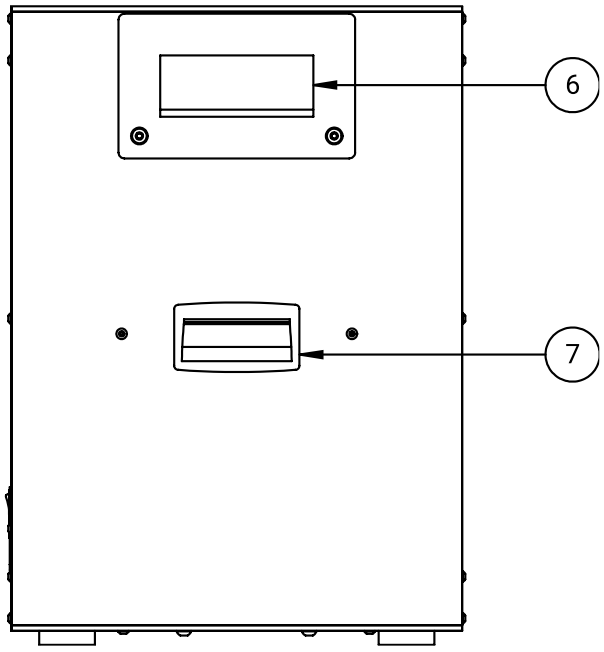



3. Ventilation holes

4. Power switch

5. Power socket

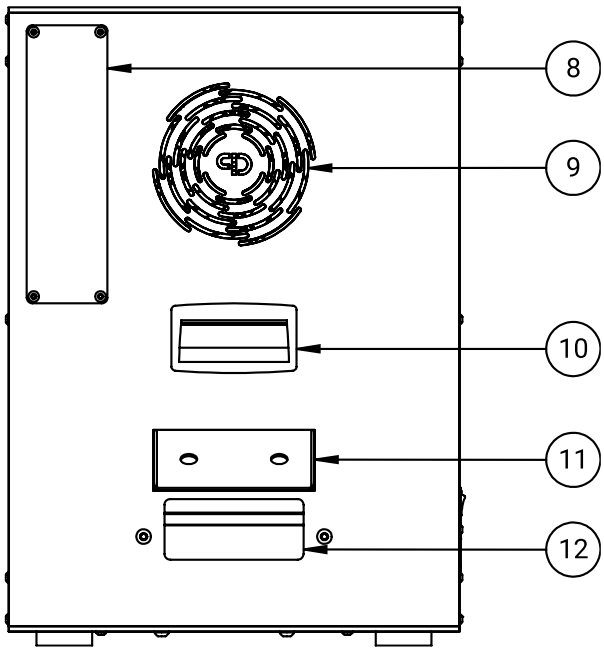
Left side view




6. Media input

7. Handle (1)

Right side view




8. Communication ports cover

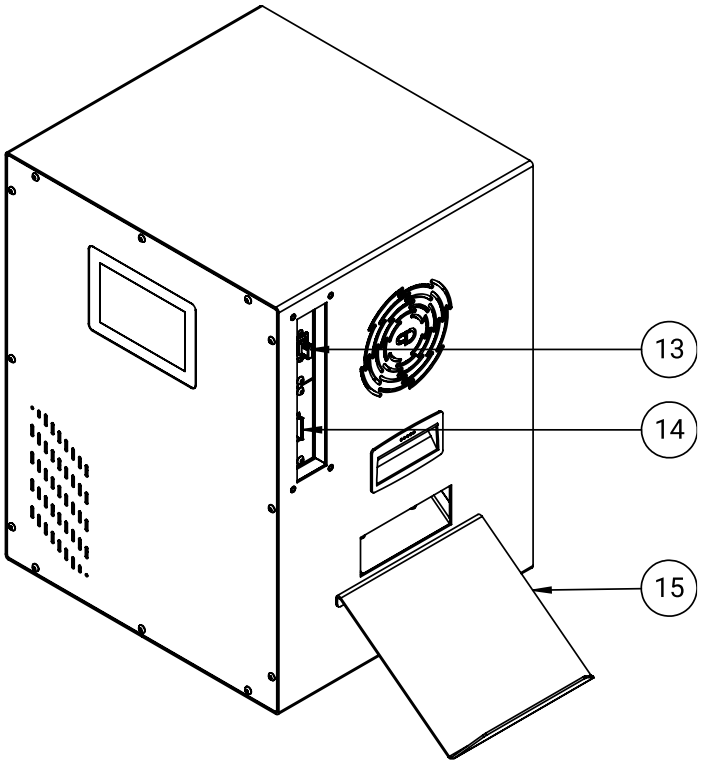
9. Ventilation holes

10. Handle (2)

11. Media output

12. Media slide catch

Isometric 3D view




13. USB-A socket for optional network card connection (in Professional and Ultimate versions)

14. microSDHC memory card

15. Media slide

### 3.7.2. START-UP

- Connect the power cable to the device and then to a grounded electrical outlet.
- Install the media slide into the catch located near the media output.
- Press the power switch towards the "I" mark, the device will start up and perform self-testing procedure.
- Wait until the main screen appears on the display. The device is ready to work.
- If you have the Professional or Ultimate version, you can connect to the device's Wi-Fi network at this point or at any time later. The cross-platform ProDevice Hub application with extended functionality allows you to create a report of the degaussing process. For the media being destroyed to appear in the report, you must complete the form with the media's details in the application.
- Insert the medium into the media input. When operating the Ultimate version of the device and working with the application, to ensure proper image of the medium's label, if the geometry of the medium allows it, place the medium with the label facing up.
- To start the device's work cycle, press the "START" button on the home screen.

- During the degaussing process, the current cycle screen with a progress bar will appear on the display. After a successfully completed cycle, the message "Media erased" will be displayed, and the degaussed media will automatically slide into the media slide (in the Basic and Professional versions). In the Ultimate version, the media will slide to the second stage, where the label will be photographed, and then the media will slide into the media slide.
- Remove the medium from the media slide.
- Once the home screen appears on the display again, you can start another cycle.
- Opening the media input blocks operation of the device, and a window appears on the display with the message "Media input open. Close to operate." To continue working with the device, it is necessary to close the media input.
- Opening the media input during cycle interrupts the process and a window with a message „Cycle aborted” appears on the display.
- If you want to abort the degaussing cycle, press the "ABORT" button on the current cycle screen. The medium will automatically slide into the media slide.
- To properly shut down the device, after the degaussing cycle is complete and you return to the home screen, press the power switch towards the "O" sign. If you are using the Professional or Ultimate version of the device, before shutting down the device as described, you must press the power button on the home screen. The device can only be turned off using the power switch after the message "You can now power off the device" appears on the display. Failure to do so may result in damage to the device or its components.
- Disconnect the power cable from the power outlet and then from the device.

In one degaussing cycle, data can only be deleted from one medium.

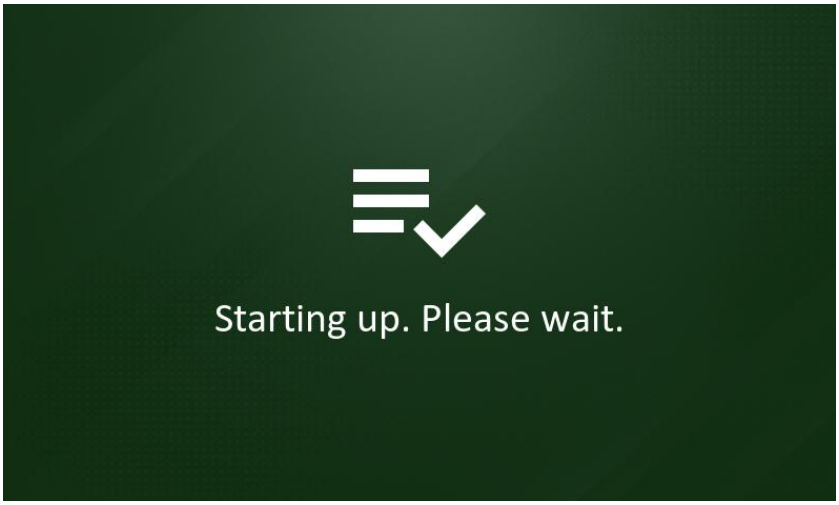
### 3.7.3. OPERATION

Media can only be inserted into the degausser through the media input. Any opening of the media input flap stops the device for safety reasons.

Software version - V1.0 / V1.0

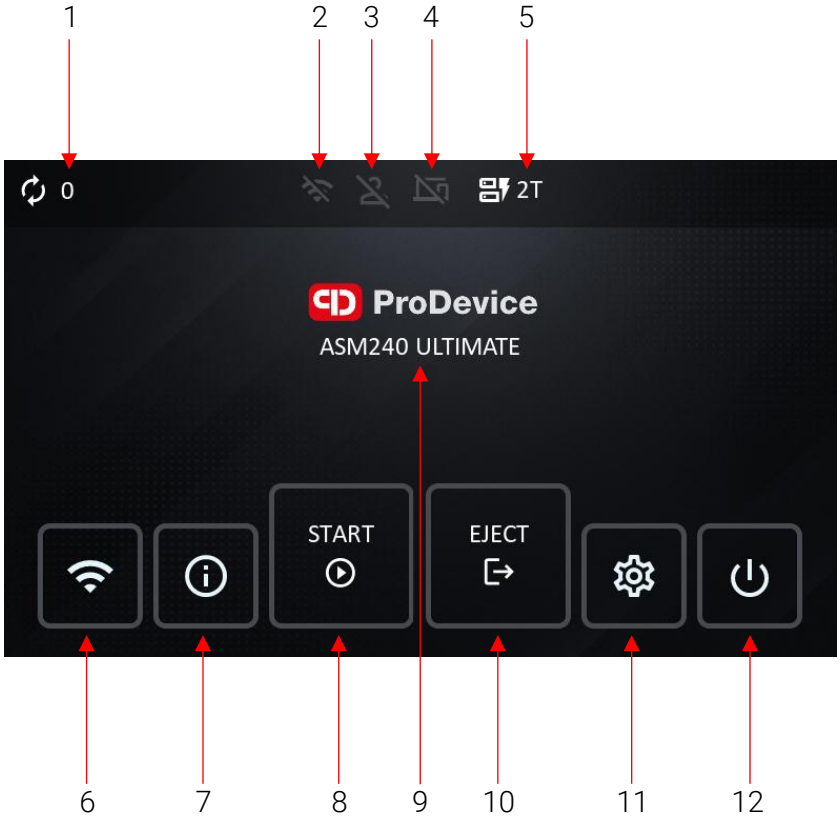
Touch panel operation:

Start-up Screen




The device is starting up and performing some self-tests. Wait until the home screen appears on the display.

Home Screen




1 - User cycles counter, resettable by the user after entering the settings panel.
2 - Device readiness status for working with the application: *
- a crossed-out and grayed-out icon means that the Wi-Fi network is not yet active,
- a white icon means that it is possible to connect to the device's Wi-Fi network.

3 - Status of the logged-in user on the device's Wi-Fi network: *
- a crossed-out and grayed-out icon means there is no active user on the device's Wi-Fi network,
- a white icon indicates that there is an active user connected to the device's Wi-Fi network.

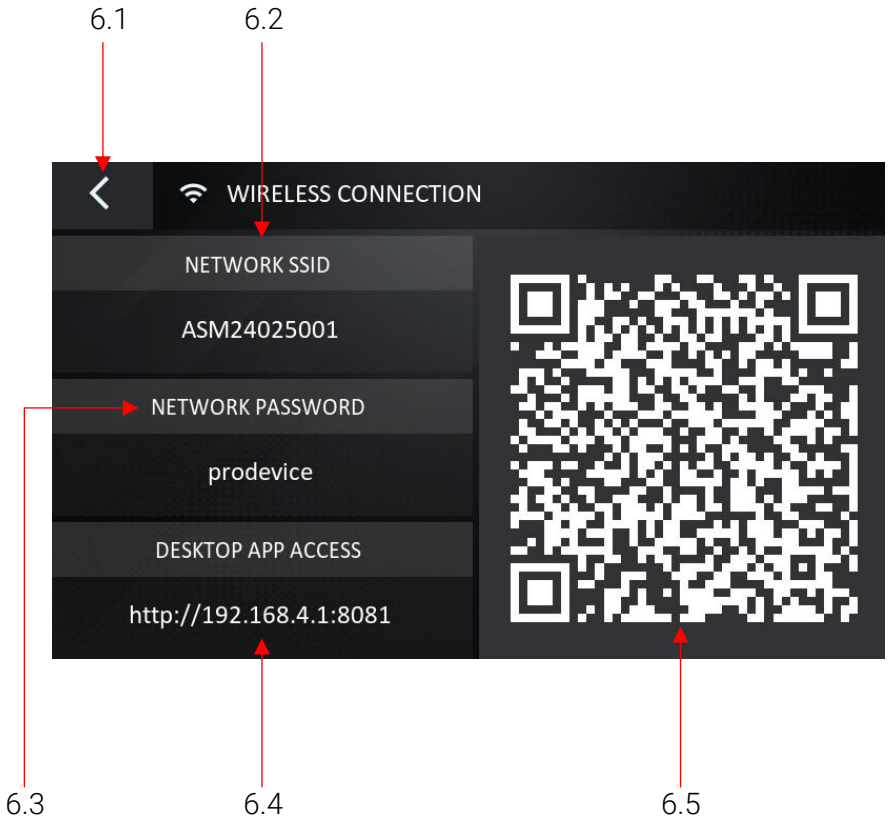
4 - Status of the cycle form in the application: *
- a crossed-out and grayed-out icon indicates that the form has not yet been approved or has been canceled. The next cycle performed by the device will not be included in the app report,
- a green icon indicates that there is an active, user-approved form in the app. The next cycle (started after the form is approved) performed by the device will be included in the app report.

5 - The operating mode can be changed by the user after entering the settings panel.
6 - Button enabling access to the screen containing information about network connection.*
7 - Button enabling access to the device’s information screen.

8 - Button enabling start of the device's work cycle.
9 - Device model.*
10 - A button enabling ejection of the medium from the degaussing chamber.
11 - Button enabling access to the device's settings screen.
12 - Button enabling powering off the device.*

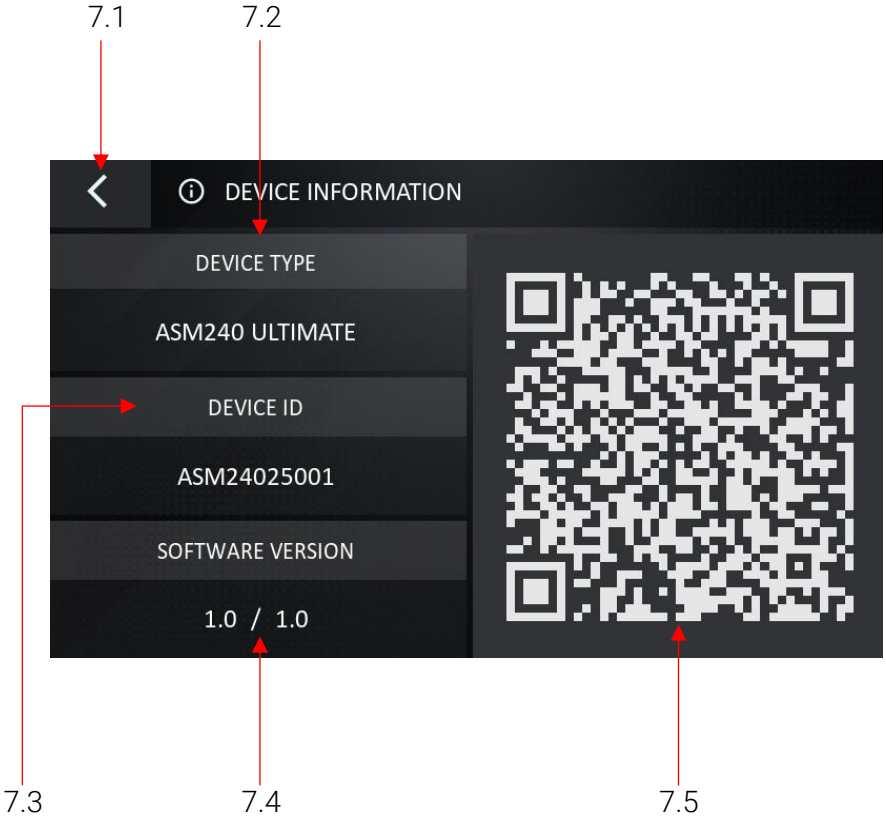
* Depending on the device model, available functionalities may change. In the ASM40 Basic model, icons and buttons marked with numbers 2, 3, 4, 6, and 12 will not be available. This model does not support working with the degaussing module in the app, which enables communication between the device and the app.

Network Information Screen



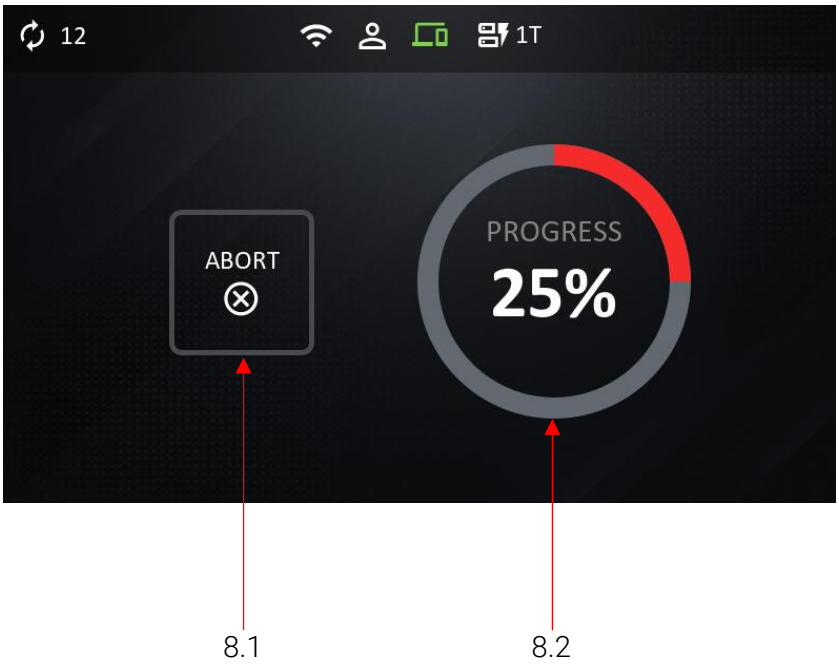

6.1 - Button enabling return to the device's home screen.
6.2 - Name (SSID) of the device's Wi-Fi network.
6.3 - Password for the device's Wi-Fi network.
6.4 - The url address of the application server in the web browser (Access to the application requires a connection to the device's Wi-Fi network).
6.5 - QR code with information about the device's Wi-Fi network.

Device Information Screen




7.1 - Button enabling return to the device's home screen.
7.2 - Device name and model.
7.3 - Device serial number.
7.4 - Device software version (motherboard/touchscreen).
7.5 - QR code with the device's serial number.

Cycle Screen

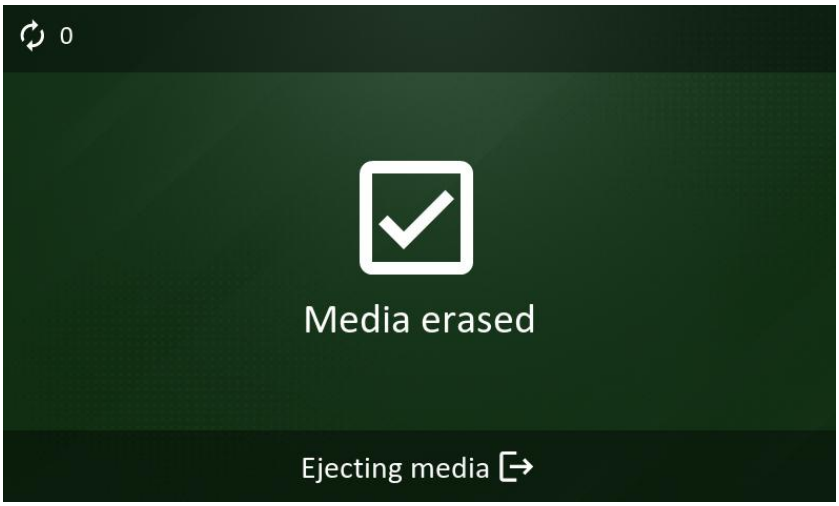



8.1 - Button enabling aborting the device's work cycle.
8.2 - Cycle progress bar.

Cycle Interruption Warning Screen

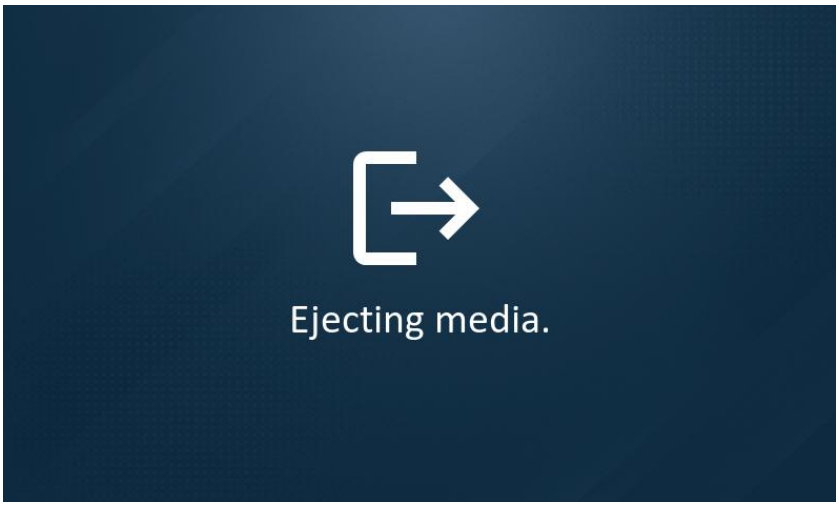

The degaussing cycle was interrupted, and the medium **was not** demagnetized.
The medium will automatically slide into the media slide.

Successful Cycle Confirmation Screen




The degaussing cycle has been successfully completed, and the medium was demagnetized.
The medium will automatically slide into the media slide.

Eject Screen




The "EJECT" button has been pressed.
The medium will automatically slide into the media slide.

Settings Screen


11.1 - Button enabling return to the device's home screen.

11.2 - Button enabling access to the counter settings screen, which contains information about cycle counters.

11.3 - Button enabling access to the operating mode settings screen, which allows you to select the device's operating mode.

11.4 - Button enabling access to the PPMS (Pre-Paid Management System) settings screen, which allows you to define the allowed number of cycles. PPMS settings are only available to the device administrator.

11.5 - Button enabling access to the service settings screen. Service settings are available only to the manufacturer and authorized service centers.

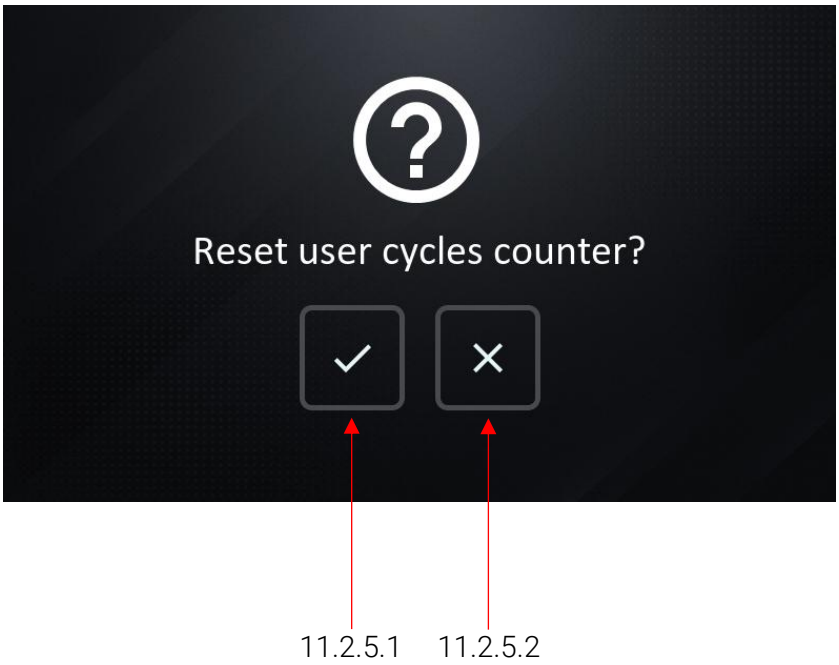
Counter Settings Screen


11.2.1 - Button enabling return to the device's home screen.
11.2.2 - Total device cycle counter (up).
11.2.3 - Cycle counter to service (down).
11.2.4 - User cycle counter (up).
11.2.5 - Button enabling resetting the user cycle counter.
11.2.6 - Information about the number of PPMS cycles that can be performed within a given process, pre-defined by the device administrator.
11.2.7 - PPMS cycle counter (up).

The number of remaining PPMS cycles that can be performed is displayed in the horizontal bar on the main screen:

a) Blue bar – information about the remaining number of PPMS cycles that can be performed.
b) Yellow bar – warning about full usage of the number of PPMS cycles specified by the device administrator.
c) Red bar – warning about exceeding the number of PPMS cycles specified by the device administrator.

User Cycle Counter Reset Screen

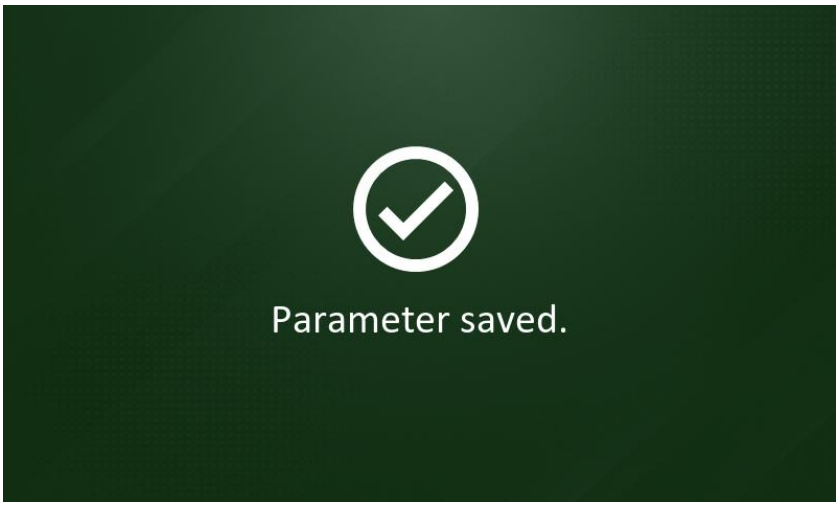



11.2.5.1 - Button enabling confirmation of the reset of the user cycle counter.
11.2.5.2 - Button enabling aborting of the reset of the user cycle counter.

Mode Settings Screen

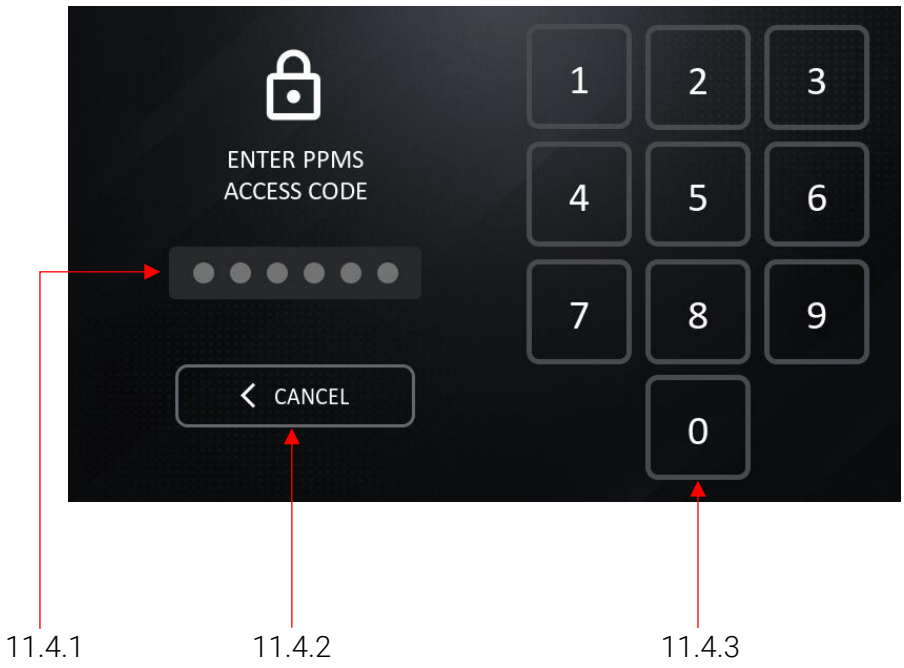

11.3.1 - Button enabling confirmation of the setting and return to the device's home screen.
11.3.2 - Button enabling setting the device's magnetic induction to 10,000 Gauss (1 Tesla).
11.3.3 - Button enabling setting the device's magnetic induction to 20,000 Gauss (2 Tesla).

Successful Mode Change Confirmation Screen




The new operating mode has been successfully set.

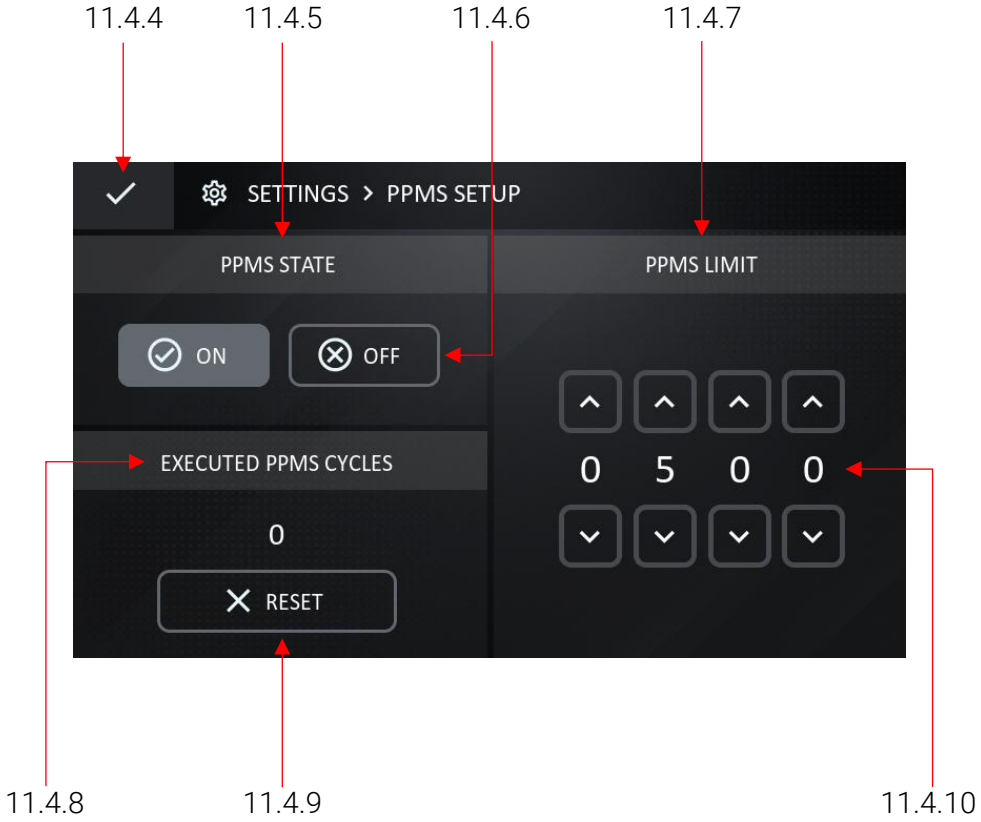
PPMS Settings Login Screen




11.4.1 - Encrypted login pin for PPMS settings.
11.4.2 - Button enabling return to the device's home screen.
11.4.3 - Numeric keypad for entering the login pin for PPMS settings.

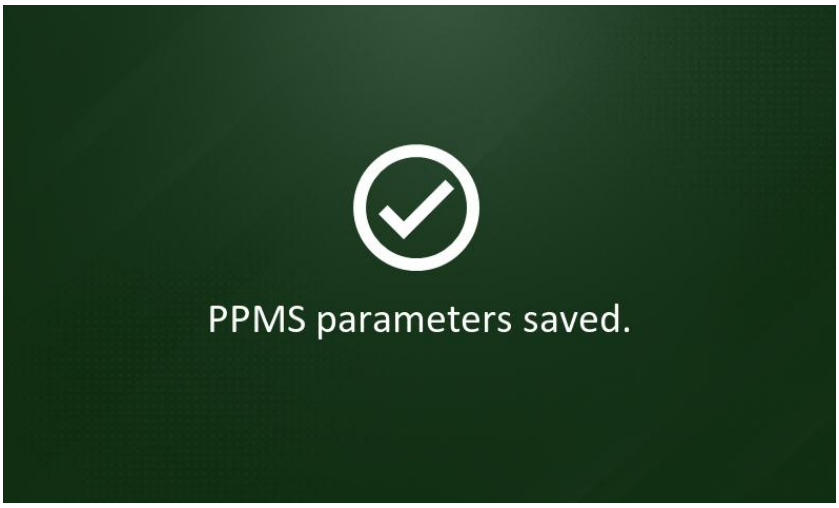
If the login PIN is entered correctly, the PPMS settings screen will be displayed. If the login PIN is entered incorrectly, a window will appear with the error message "Code incorrect" and the settings screen will be displayed.

PPMS Settings Screen



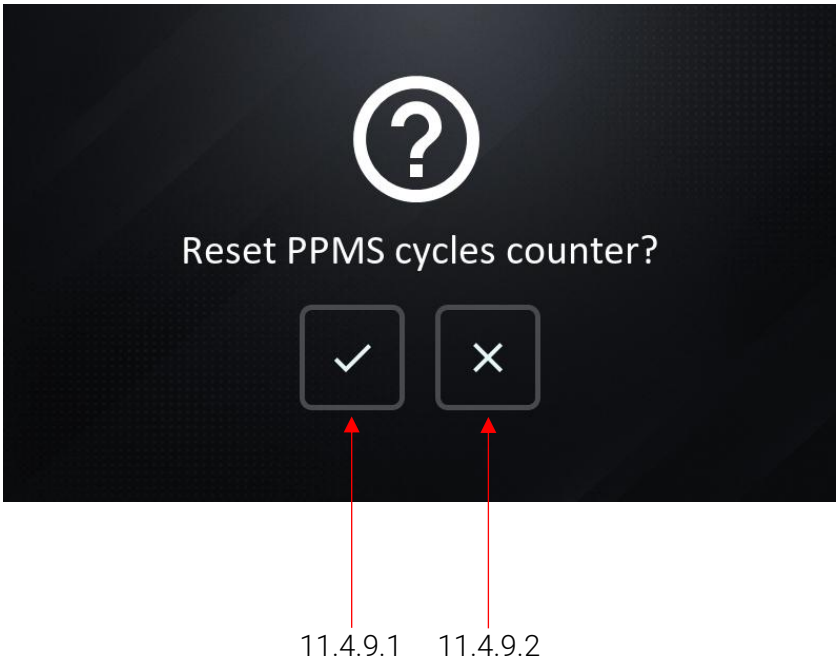

11.4.4 - Button enabling confirmation of the setting and return to the device's home screen.
11.4.5 - Information about the current PPMS status ("ON" – PPMS enabled, "OFF" – PPMS disabled).
11.4.6 - Buttons to turn PPMS on and off.
11.4.7 - Number of PPMS cycles that can be performed within a given process.
11.4.8 - PPMS cycle counter (up).
11.4.9 - Button to reset the PPMS cycle counter.
11.4.10- Selector keyboard for setting the number of PPMS cycles that can be performed within a given process.

Successful PPMS Change Confirmation Screen



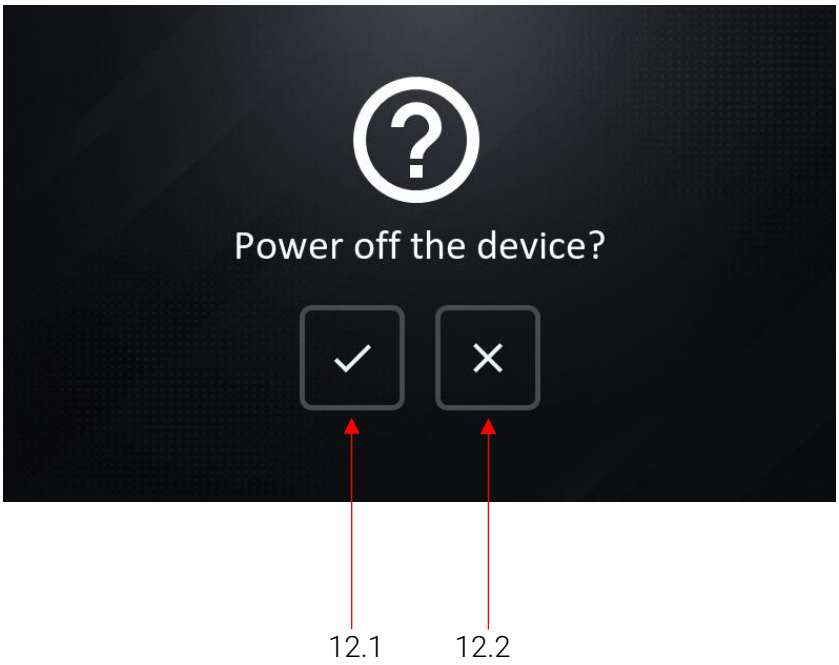

New PPMS settings have been successfully implemented.

PPMS Counter Reset Screen



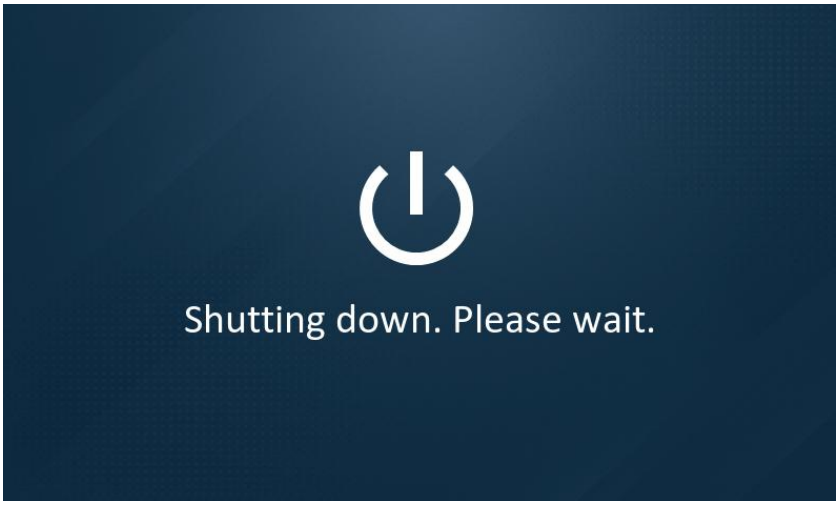

11.4.9.1 - Button enabling confirmation of the reset of the PPMS cycle counter.
11.4.9.2 - Button enabling aborting of the reset of the PPMS cycle counter.

Device Shutdown Screen



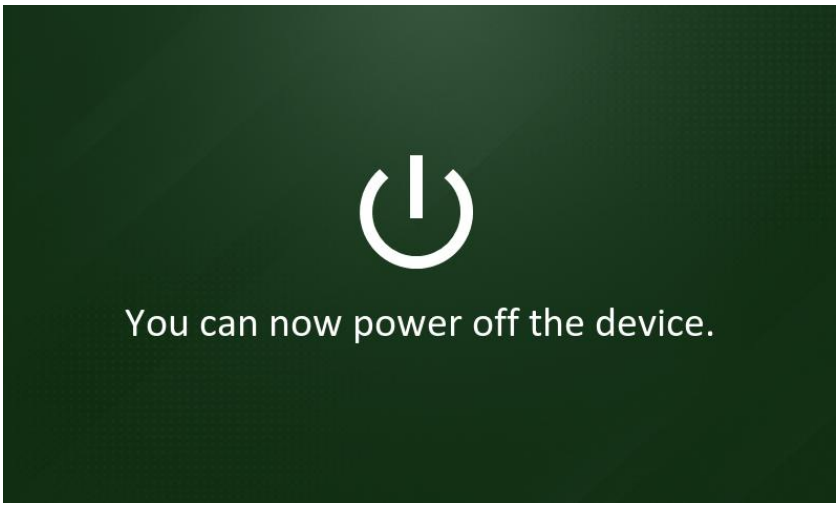

12.1 - Button enabling powering off of the device.
12.2 - Button aborting powering off of the device.

Shutting Down Information Screen




The device is in the process of shutting down the operating system, wait for the next message.

Shutting Down Confirmation Screen




The device's operating system has been turned off, press the power switch towards the "O" sign to completely turn off the device.

### 3.7.4. WARNINGS AND ERRORS

Any irregularities related to the operation of the device should be reported via the form available on the manufacturer's website:

https://support.pro-device.com/

The occurrence of a warning often requires user action to eliminate the anomaly.

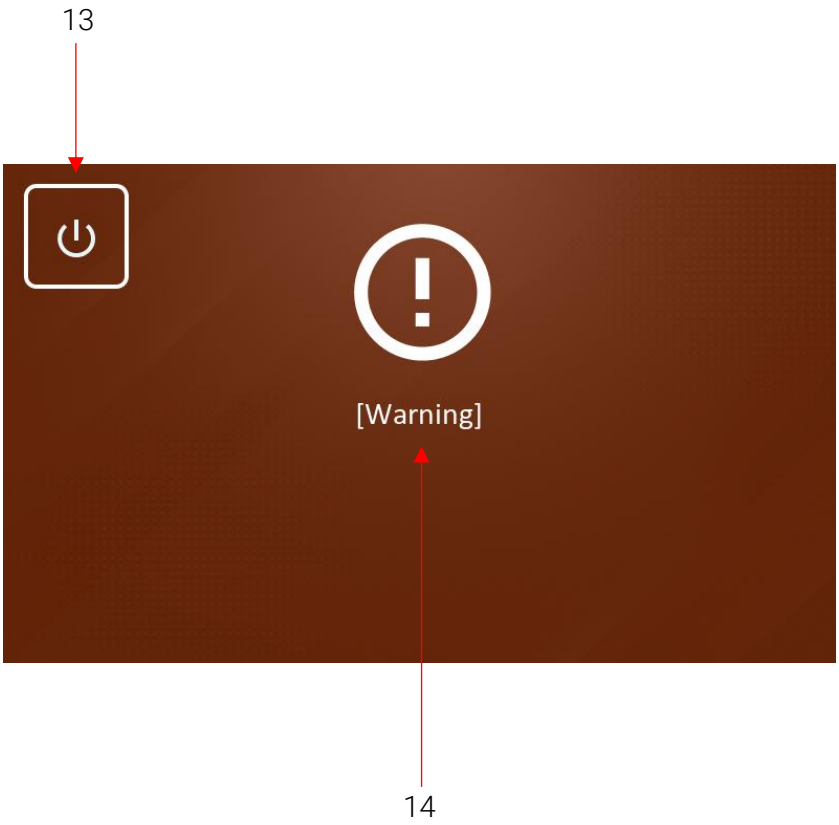
Some errors will generate a QR code on the screen, which when scanned will automatically take the user to the website with the form.

Some errors do not stop the device from operating. Further operation is possible after the user confirms that they have read the message. In such cases, the manufacturer is not liable for any damage resulting from using a faulty device.

Certain errors cause the device to stop working. Try restarting the device. If the error reoccurs, further operation is not possible. Contact the manufacturer or an authorized service center.

Each error has an assigned error code that must be provided when submitting a service request via the form.

General Warning Screen




13 - Button enabling powering off of the device. *
14 – Warning message. **

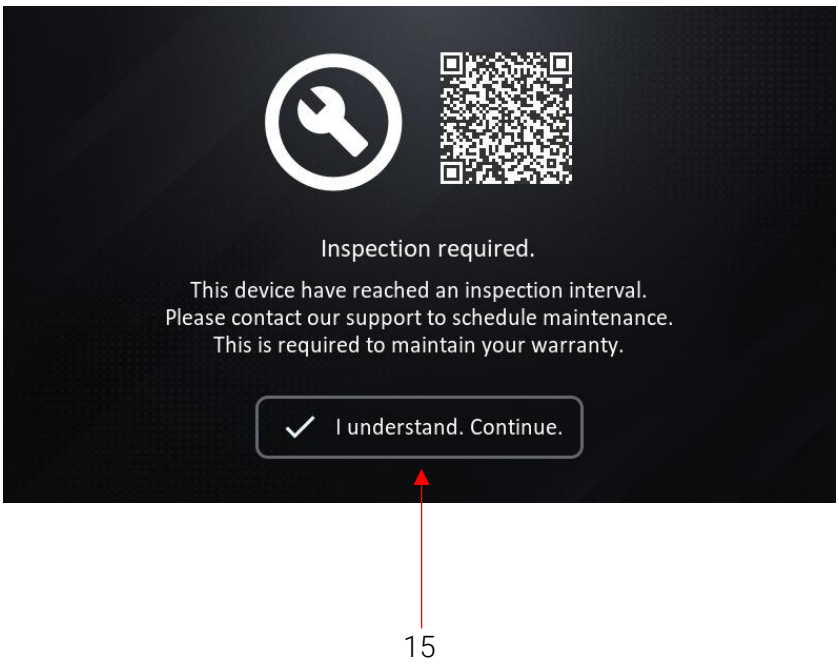
* Depending on the device model, available functionalities may vary. This button will not be available on the ASM40 Basic model. To turn off the device, press the power switch towards the "O" symbol.

** List of messages generated by the device:

a) „*Check SD card.*" - no SD card, incorrectly mounted SD card, incorrectly formatted SD card or unsupported SD card.
b) "*Device jammed. Turn off the device.*" - a medium has blocked the device's locking mechanism. Turn off the device, wait for it to reach room temperature, and then attempt to remove the medium blocking the mechanism. If there is no medium inside the degaussing chamber and the warning persists, the device should be sent to service.

c) *"Device temperature high. Please wait."* - the temperature inside the device is too high. Wait until the temperature drops to continue working.
d) *"Device temperature low. Turn off the device."* - the temperature inside the device is too low. Turn off the device, move it to a suitable location, and wait until it reaches the ambient temperature before turning it on.
e) *"Humidity level high. Turn off the device."* - the humidity inside the device is too high. Turn off the device and move it to a location with adequate humidity to continue operation.
f) *"Humidity level low. Turn off the device."* - the humidity inside the device is too low. Turn off the device and move it to a location with adequate humidity to continue operation.

Service Maintenance Information Screen



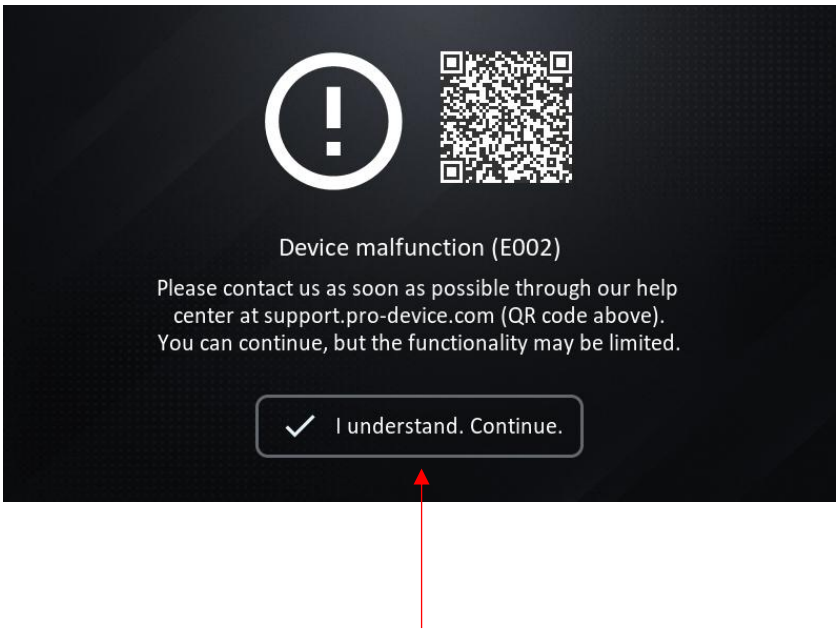

The screen informing about the need to perform a service inspection appears when the device is turned on after the service cycle counter has been depleted.

To maintain the warranty, please contact the manufacturer or an authorized service center to perform a service inspection.

15 - This button allows you to start working with the device. Pressing it confirms that you have read and accepted the message.

During operation, on the home screen of a device that requires service, an icon appears in the upper right corner of the screen reminding you to perform service as soon as possible.

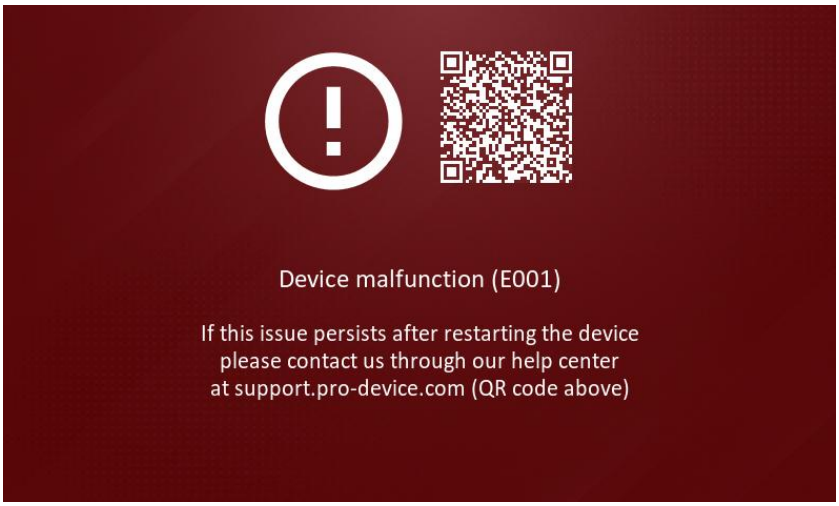
Non-critical Error Information Screen




Some errors do not stop the device from operating. Further operation is possible after the user confirms that they have read the message. In such cases, the manufacturer is not liable for any damages resulting from using a faulty device.

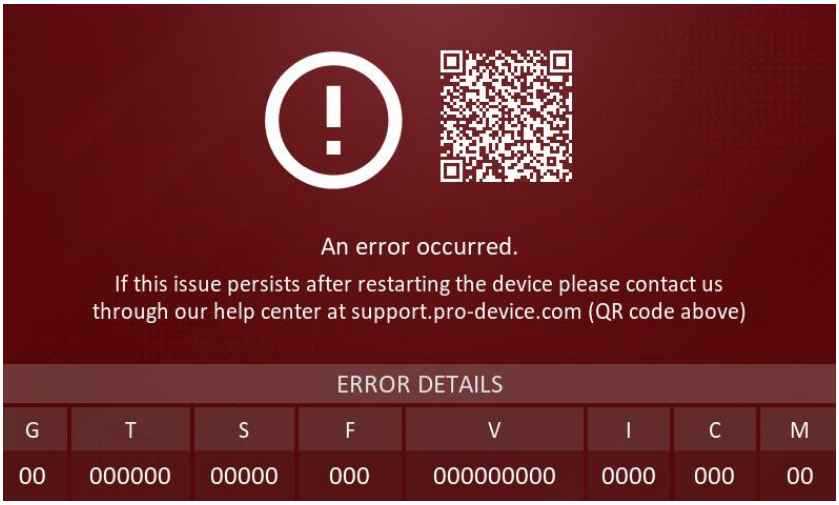
16 - This button allows you to start working with the device. Pressing it confirms that you have read and accepted the message.

Critical Communication Error Information Screen




A communication error will cause the device to stop working. Try restarting the device. If the error reoccurs, further operation is impossible. Contact the manufacturer or an authorized service center.

Critical Device Error Information Screen




A device error causes it to stop working. Try restarting the device. If the error reoccurs, further operation is impossible. Contact the manufacturer or an authorized service center.

### 3.8. OPERATOR STATION DESCRIPTION

The device does not have dedicated workstations.

# 4. TRANSPORT, HANDLING AND STORAGE

## 4.1. TRANSPORT

- The device may only be transported in the packaging or case provided by the manufacturer.
- The packaging or case must be secured during transport using transport belts or other means ensuring mechanical stability.
- Before use after transportation, please wait at least 12 hours for the device to equalize temperature with the surrounding environment.

## 4.2. TRANSFER

- Due to the weight of the device, at least two people are required to manually transport it to the installation site.
- For safe manual transport, use the built-in carrying handles.

## 4.3. STORAGE

- If the device will not be used for a long time, disconnect its power cord from the mains.
- Do not allow any liquids to enter the device during storage.
- Before use after long-term storage in uncontrolled climatic conditions, wait at least 12 hours for the device to equalize in temperature with the surrounding environment.

# 5. INSTALLATION AND OPERATION

## 5.1. INSTALLATION REQUIREMENTS

- After removing all packaging materials, place the device on a solid surface in the designated, sheltered installation area.
- If you place the device on a table or desk, make sure it has sufficient load-bearing capacity to create a safe workplace.
- All devices and building elements should be located at least 1 metre away from the device to allow for adequate ventilation.
- Install the media slide into the catch located below the media output.

## 5.2. GENERAL SET-UP CONDITIONS

### 5.2.1. USER'S MANUAL

Before first use, operation and maintenance of the device, please read the operating instructions carefully and keep them for future use or passing them on to subsequent users.

### 5.2.2. STAFF TRAINING

Training of employees assigned to operate the device is essential to ensure proper operation.

### 5.2.3. CONDITIONING

Before putting the machine into operation, the compliance of the following points must be confirmed:

- The device must be complete.
- All components must be installed in accordance with the documentation.
- All elements must be stable.
- The markings are applied and legible.
- The user manual is available.
- Staff have been trained.
- Everyone is aware of potential threats and how to avoid them.

# 6. INSPECTIONS AND MAINTENANCE

## 6.1. TYPES, FREQUENCY AND CRITERIA OF INSPECTIONS AND MAINTENANCE

- The device requires inspection by an authorized manufacturer's service center at least every 10 000 cycles or once every six months.
- Repairs during the warranty period may only be performed by an authorized manufacturer's service center.
- During the post-warranty period, it is recommended that repairs be carried out by an authorized service center of the manufacturer or service technicians with appropriate qualifications and knowledge of the machines undergoing repairs.
- Improper handling of the device during repair may result in electric shock and death.
- Before carrying out any assembly, maintenance or inspection activities, disconnect the device from the supply voltage by disconnecting the power cord from the mains and then from the device and wait until the device has equalised temperature with the surroundings.

## 6.2. ESTIMATED MACHINE LIFETIME

- Warranty – the support period is specified in the warranty card.
- Usability – 150,000 operating cycles or 2 years – - provided that regular maintenance is carried out every 10 000 cycles or six months. After the indicated period, the device requires a general inspection in order to adapt it for further use.

## 6.3. SPECYFICATION OF SPARE PARTS AND AUXILIARY SUBSTANCES

Power Cable:

- Device plug - IEC C13 (female)
- Number of cores – 3
- Core cross-section – min. 0.75 mm²
- Operating current – 10 A
- Nominal voltage – min. 250 V AC
- Permissible cable length – max. 3 m

## 6.4. MOST COMMON FAULTS

| Fault / Information displayed on the display | Probable cause | How to fix the fault |
|---|---|---|
| The device does not turn on | No power at the power outlet | Check if there is power in the socket by plugging another electrical device into it. |
| | The plug is not properly inserted into the electrical socket | Insert the plug into the electrical outlet correctly |
| | Damaged power cord | Replace the power cord with a new one with the same parameters |
| | Power switch off | Turn on the device using the power switch |
| | Fuse in electrical box damaged | Replace the damaged fuse with a new one with the same parameters |
| Error identified by numeric code | Depends on error code | Turn the device off and on, if the error is not cleared, contact the service |

## 6.5. RISK DURING MAINTENANCE WORK

- Maintenance work may only be performed by an authorized manufacturer's service center or a service technician with appropriate qualifications and knowledge of the device.
- Improper handling of the device during maintenance work can result in electric shock and death.

## 6.6. WITHDRAWAL FROM SERVICE

The product is subject to WEEE 2012/19/EU regulations. The device or any of its electrical or electronic parts may not be disposed of with household or similar waste. When disposing of waste from the device, proceed in accordance with the regulations in order to avoid negative effects on the environment and human health, which could occur due to improper handling of this waste. For further information on recycling waste from this product, contact your local municipal authorities, the relevant waste disposal service, or the supplier of the product.

# CONTACT

**ProDevice Spółka z ograniczoną odpowiedzialnością**

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If you have an idea or suggestion for improvement, please write to info@pro-device.com

info@pro-device.com

www.pro-device.com

# MANUFACTURER'S ADDRESS DETAILS

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