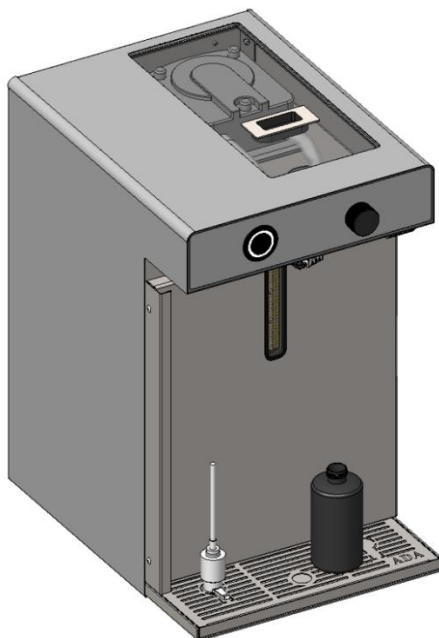




Operating Instructions

Type: RS_v2 Rev.: C

TABLE OF CONTENTS

1.	INTRODUCTION	4
2.	SAFETY AND SECURITY INSTRUCTIONS	4
3.	INTENDED USE AND PREVENTION OF MISUSE	7
4.	TRANSPORT	8
5.	SETTING UP THE DEVICE	9
6.	DESCRIPTION	12
6.1	DESCRIPTION OF THE DEVICE	12
6.2	DESCRIPTION OF THE CONTROL PANEL	15
7.	COMMISSIONING AND OPERATION	15
7.1	SWITCHING THE DEVICE ON/OFF	15
7.2	INSERTING THE SMARTCUBE®	16
7.2.1	PREPARATION	16
7.2.2	VENTING	17
7.2.3	SMARTCUBE® LIQUID LEVEL INDICATION	18
7.3	REFILLING ADA DISPENSER SYSTEMS	19
7.4	REFILLING OPTIONS	20
7.5	STANDBY MODE	21
8.	MENU STRUCTURE	22
8.1	HOW TO ACCESS THE SERVICE MENU	22
8.2	SERVICE MENU	22
8.2.1	MENU ITEM "SHOW INFO"	23
8.2.2	MENU ITEM "LANGUAGE"	24
8.2.3	MENU ITEM "BRIGHTNESS"	24
8.2.4	MENU ITEM "FAST FILLING"	25
8.2.5	MENU ITEM "AUTO STOP"	25
8.2.6	MENU ITEM "VENTING"	26
8.2.7	MENU ITEM "LIQUID SELECT"	28
8.2.8	MENU ITEM "DATE & TIME"	28
8.2.9	MENU ITEM "MAINTENANCE"	28
8.2.10	MENU ITEM "DMC READER"	29
8.2.11	MENU ITEM "HOSE CHANGE"	29
8.2.12	MENU ITEM "DISPENSER LIMIT"	29
8.2.13	MENU ITEM "SCANNER"	30
8.2.13.1	REFILLING WITH DEACTIVATED SCANNER FUNCTION	31
8.2.14	MENU ITEM "ACCOUNT CONTROL"	32
8.2.15	MENU ITEM "CHANGE USER PIN"	34

8.3	DATA STORAGE FOR COMPLIANCE PURPOSES	34
8.4	DISPLAY AND ERROR MESSAGES.....	36
9.	PEDAL INSTALLATION	37
10.	EXCHANGE OF SMARTCUBE®	38
11.	CLEANING THE REFILLUTION	39
11.1	INTEGRATED CLEANING PROGRAM	39
11.2	CLEANING THE DEVICE	42
12.	HOSE CHANGE	44
13.	ACCESSORIES, WEAR AND SPARE PARTS.....	51
14.	DISPOSAL	52
15.	TECHNICAL DATA.....	52
16.	ADA CUSTOMER SERVICE	53
	ATTACHMENT	55

**PLEASE SCAN THE QR CODE BELOW TO DOWNLOAD THE
USER MANUAL IN ADDITIONAL LANGUAGES AS A PDF:**



FOREWORD

Dear customers!

This operating manual is helpful for familiarizing yourself with the machine for refilling dispenser bottles (refill station) and for its proper and intended use. Hereinafter, this machine will be referred to as the device.

By following the instructions in this manual, hazards can be avoided, repair costs and downtime can be minimized, and a long service life of the device can be achieved.

Therefore, reading the instruction manual, including safety information, is necessary before using the device for the first time.

1. Introduction

This document describes the functions of the device and contains instructions for setup.

The device is used to fill dispensers with cosmetic liquids. These include shampoo, shower gel, conditioner, liquid soap, body lotion, and all-in-one products.

The liquid to be dispensed is contained in a 10L SmartCube®, which is positioned inside the device and connected to a peristaltic pump via a quick-connect coupling. The pump delivers the liquid from the SmartCube® to the outlet, from which the respective dispenser bottle can be refilled. The device is compatible with the SmartCare and SHAPE dispenser systems, as well as the pump dispenser bottles from ADA Cosmetics International GmbH.

USEFUL LINKS

Please scan the QR codes below to access supplementary instructional videos:



2. Safety and Security Instructions

- Operators must have read and understood the operating instructions completely before commissioning.
- The operator is obliged to instruct the operators in the use of the device.
- The operator shall ensure the proper installation of the device and the professional execution of maintenance in accordance with these operating instructions.

- Repairs (e.g. replacement of the power supply) may only be carried out by authorized specialists.
- The operator must provide the operating instructions in such a way that they are accessible to the operators at all times.
- Do not operate the device if it is damaged, if any malfunction is suspected or if liquid enters the housing of the device. Immediately switch off the device, disconnect it from the power supply and contact ADA Customer Service.
- Continued operation of a damaged device may result in injury, contamination, equipment damage or electrical hazards.

The following warning symbols are used in this documentation to warn of potential hazards. Every person operating or maintaining the equipment must understand these symbols and follow the corresponding safety instructions.



GENERAL DANGER

This symbol warns of a general hazard. A more detailed description of the hazard can be found in the relevant sections of the operating instructions.



RISK OF ELECTRIC SHOCK

Touching live electrical parts can result in a fatal electric shock.

- Only qualified electricians are permitted to perform work on the control system or the electrical supply. In the event of repairs, the removal of the screwed-on housing components may only be carried out by authorized personnel or qualified electricians!
To prevent unauthorized removal of these housing components, at least one of the screw heads is coated with lacquer.
- Before starting any work, switch off the device and secure it against being switched back on.
- Only perform work on the device when it is disconnected from the power supply.
- Loose connections, scorched or burnt-through cables must be replaced immediately.
- Do not pinch or clamp electrical cables.

 Electrical	⚠ DANGER Risk of electric shock upon contact with live components in the event of a fault. For safety reasons, the device must be electrically tested at regular intervals by a qualified electrician in accordance with the legal regulations of the relevant employers' liability insurance association!
---	--

 Electrical	⚠ DANGER Risk of electric shock when touching an electrical cable with faulty insulation. If the insulation of the power cable (230 V AC) is damaged, the device plug must be unplugged immediately, and the device must no longer be used! Risk of fire and electric shock when using an unsuitable power cable. Attention - for USA only: Replace the cable only with the manufacturer's cable, part number REF001GAPWC-DEU-USA-1
---	--

 Inhalation hazard	⚠ CAUTION Smoke development in the device causes health risks. In case of smoke, immediately stop the hose pump, switch the main switch on the back of the device to the off position and unplug the power cord!
---	--

 Bruise / crush	⚠ CAUTION Pinch point between the drip tray in the upper area and the front of the drawer or between the door and housing parts. When opening the drawer or closing the door, make sure that no finger is in the area of the pinch point! When closing the door, only touch it by the handle on the outside!
---	--

3. Intended Use and Prevention of Misuse

- The device is used to fill dispensers with products for the care or cleaning of the body, skin or hair.
- The following ingredients are frequently found in the liquids permitted for dosage by ADA Cosmetics; the following list is not exhaustive.
- The liquids permitted for use may contain the following ingredients: silk amino acids, sodium benzoate, sodium cetearyl sulfate, sodium chloride, sodium coco sulfate, sodium cocoyl glutamate, sodium lactate, sodium laureth sulfate, sodium stearyl glutamate, sodium sulfate, starch hydroxypropyltrimonium chloride, steareth-21, stearic acid, Thymus vulgaris (thyme) flower/leaf extract, tocopherol, urea and xanthan gum.
- Under no circumstances should the device be used for dosing chemicals, especially not for strong acids or alkalis!
- The device may only be operated if it is in perfect working order and in accordance with the operating instructions.
- The maintenance regulations must be observed, and the hose replacement must be carried out according to regulations.
- Service work may only be carried out by trained personnel.
- The device must not be used without a connected SmartCube® or with an empty SmartCube®.
- The device may only be operated when fully assembled.
- Only original components or components approved by the manufacturer may be used for maintenance and repair work.
- Unauthorized modifications, alterations, or additions to the device are prohibited. Any modification may impair safety, invalidate the Declaration of Conformity, and void any warranty and manufacturer liability.
- The device is not intended for use by people (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the device.

4. Transport

- When transporting a device, including accessories, ensure that it cannot tip over or fall from its mounting during transport. Storing the device in its original packaging is recommended. For transporting multiple devices, securing the packaged devices to Euro pallets is advisable.
- Recommended protective measures when transporting multiple devices: The devices are additionally packed in boxes in a horizontal position. These are then stacked horizontally on the pallets and secured against slipping or tipping over with fixing devices (especially straps).

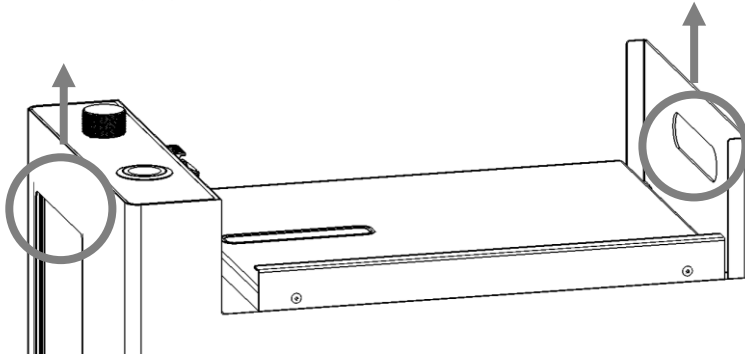


Figure 1: Handles for transport (packing / unpacking)

- After opening the transport packaging, the refill station can be grasped with one hand in the recess in the base plate and with the other hand in the recess in the hood, in the area of the pump compartment. The refill station can then be moved upwards out of the horizontal wooden crate.
- The preceding *Figure 1* clearly illustrates the two mentioned grip positions and the direction of movement for removal.

 Fall down / drop	 WARNING Risk of the devices tipping over or falling during transport. Implementation of the described safety measures during transport!
---	---

5. Setting up the Device

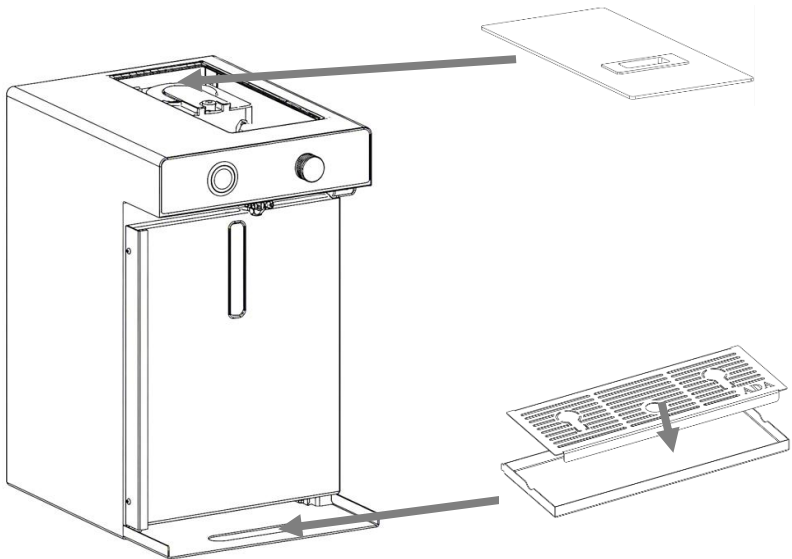


Figure 2: Refill station set up with drip tray and drip grid (bottom right) and maintenance cover including recessed handle (top right)

- After the refill station is removed from the transport packaging, it is set up for operation on the designated work surface at the place of use.
- The drip tray is then inserted into the drip tray. This unit is placed on the base plate of the device and slid into place.
- The maintenance cover is placed over the opening in the pump chamber.

⚠ Important information:

- The device may only be set up and operated in dry and enclosed rooms.
- The device must be placed on a non-slip surface with the necessary load-bearing capacity.
- If the device is subject to strong movements, vibrations, or other high loads during use, it must be securely bolted to a stable and fixed base/plate at the installation site. The instructions included with the accessories must be followed.
- When setting up the device, care should be taken to ensure that all controls are within easy reach of the user in an ergonomic posture and that the display can be read clearly.
- The operator must ensure that the device is installed at a height appropriate for the users (ideally, the height of the base should be adjustable from the ground).
- All sides of the device must be accessible so that all areas of the device are reachable by a person and the device can be cleaned in all places.
- The wall outlet must remain easily accessible at all times.

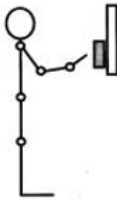


Figure 3: Illustration of a favorable ergonomic working posture when performing inputs

 Fall down / drop	⚠ WARNING Risk of injury to a body part, i.e., the legs or feet, if the device falls from its support onto the floor. The device must be placed on a non-slip surface with sufficient load-bearing capacity! If strong movements, vibrations or other high loads may occur during the use of the device, the device must be firmly attached to a stationary and stable surface.
---	--

Spatial limitations and space requirements:

- Device dimensions (W x H x D): 329 mm x 537 mm x 431 mm
- Functional area of the device (W x H x D) above the work surface: 329 mm x 539 mm x approx. 660 mm.

Notes: The door must be able to open forwards to load the device. Space must be provided behind the device for the connection cables.

- Recommended movement space at workstations (W x H x D):
600 mm x > 2200 mm (room height) x 600 mm.
Note: the operator needs freedom of movement.
- Recommended minimum space requirement for assembly or maintenance work (overlapping the device's installation space, the service area and the work area)
(W x H x D): 2000 mm x > 2200 mm (room height) x approx. 1450 mm.
Note: Additional space is required, in particular, for storing disassembled components.
- Recommended minimum space requirements for the service area (overlapping the equipment installation area and the work area)
(W x H x D): 1500 mm x > 2200 mm (room height) x 550 mm and
900 mm x > 2200 mm (room height) x approx. 900 mm

The following illustration clarifies the information provided.

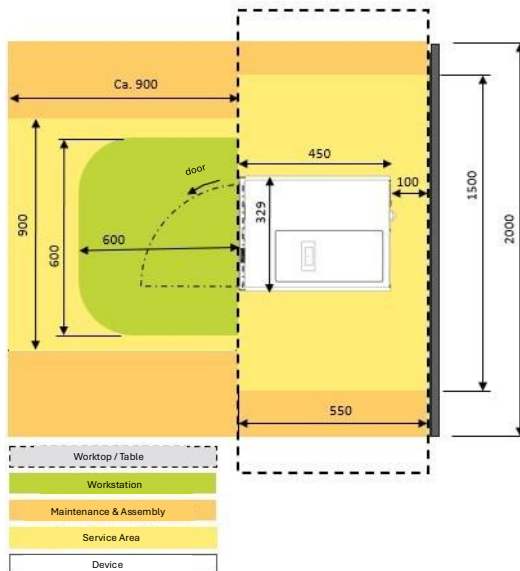


Figure 4: Graphical representation of the spatial boundaries and space requirements

The dimensions for the maintenance and assembly area and the service area are to be understood as recommendations. In the area of the installation surface (worktop/table) of the device (shown with dashed lines), it is sufficient if the designated areas above the worktop/table are available.

6. Description

6.1 Description of the device

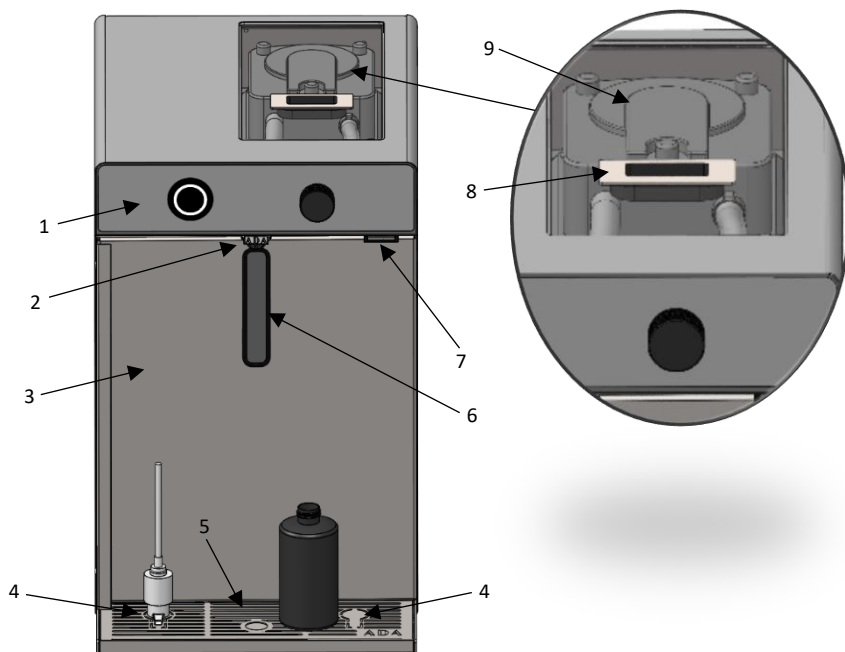


Figure 5: View of the front of the device showing components, including an enlarged section (right illustration) in the area of the peristaltic pump.

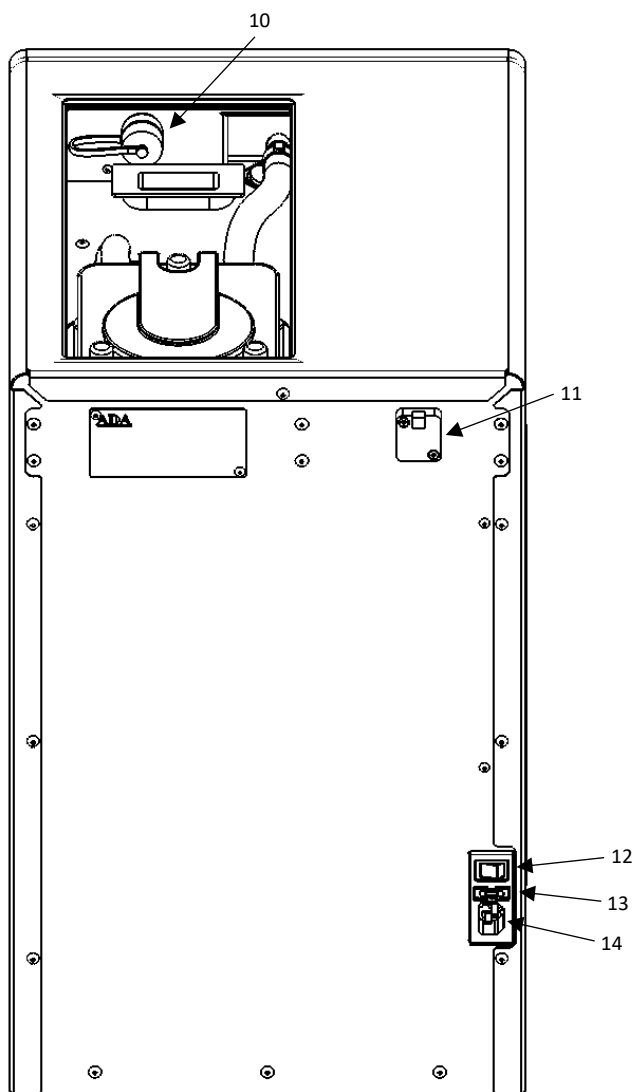


Figure 6: View of the rear side from a slightly angled top view showing components

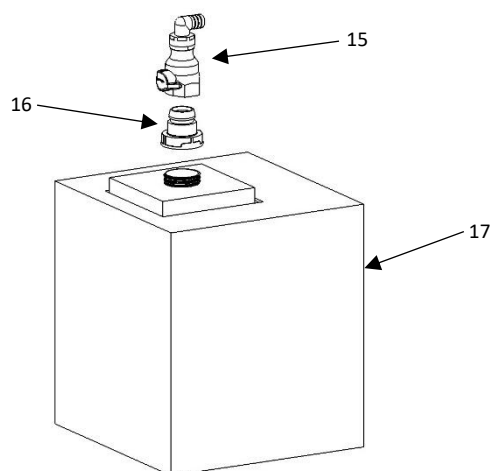
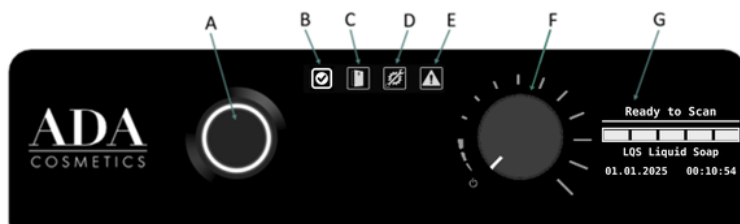


Figure 7: SmartCube® with connection elements

- | | | | |
|---|---------------------------------------|----|-----------------------------|
| 1 | Control panel | 9 | Peristaltic pump |
| 2 | Outlet | 10 | SD-Card connector |
| 3 | Handle strip | 11 | Connection socket for pedal |
| 4 | Set-down area for pump dispenser head | 12 | Main Switch (On/Off) |
| 5 | Drip tray with grille | 13 | Fuse protection |
| 6 | Back light | 14 | Socket for power connection |
| 7 | Scanner | 15 | Plug-in connector |
| 8 | Maintenance cover | 16 | SmartCube® adapter |
| | | 17 | SmartCube® |

6.2 Description of the control panel



name	Designation	function
A	Fast-forward button "BUTTON"	In the menu: Confirm selection When pumping: Pump at the set speed
B	Standby light	Standby display & Account Control
C	Door indicator light	Door opened
D	Maintenance indicator light	Maintenance work required
E	Warning light	General warning
F	Rotary wheel "WHEEL"	In the menu: Change selection During pumping: Stepless increase of the pumping speed
G	Display	Product display, menu display

Figure 8: Layout of the control panel

7. Commissioning and Operation

After unpacking the device with all its components, the following steps must first be performed for operation:

- Attaching all associated components, such as the drip tray with grid and the maintenance cover, to the device.
- Insert the power cable into the power socket on the back of the device and connect the power plug to a wall socket.
- Optional: Plug the foot pedal connector into the back of the device. → *see Chapter 9 (Installation of the Pedal).*

7.1 Switching the device on/off

- To turn the device on/off, use the main switch (On/Off) on the back of the device.
- First, make sure that the rotary wheel is in the "Off" position.
- After each restart, the date and time must be entered → *see chapter 8.2.8 Menu item "Date & Time".*

7.2 Inserting the SmartCube®

7.2.1 Preparation

- Turn the SmartCube® adapter onto the SmartCube®.
 - The Data Matrix Code (DMC) on the SmartCube® is read by holding it against the scanner. The display then prompts the user to perform the venting procedure, which must be carried out after connecting the SmartCube® (→ see chapter 7.2.2 Venting).
- The following illustration shows an example of a Data Matrix Code (DMC).

⚠ Note:

The device does not support QR codes. Therefore, the QR code in the following image is crossed out with red lines.



Figure 9: Data Matrix code (left) and QR code (right) for comparison

- Place the SmartCube® on the extended drawer of the device. Please note the markings on the drawer bottom.

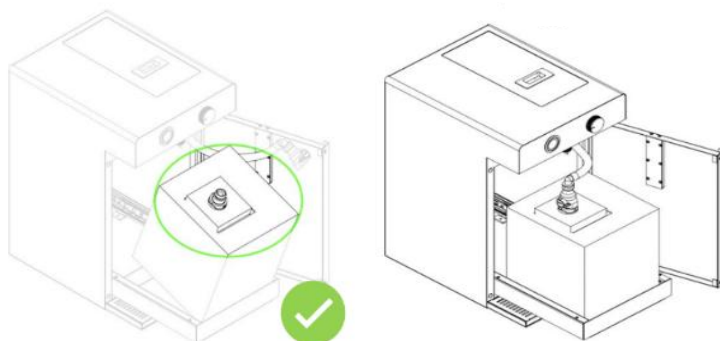


Figure 10: Inserting and aligning the SmartCube® on the drawer.

- Connect the device's plug-in connector to the SmartCube® adapter. The connector is correctly attached as soon as you hear a "click". Close the drawer again. You will feel resistance just before the drawer reaches its end position. After overcoming this resistance (by pressing firmly), the drawer will lock into place; this will produce a dull click.
- Close the door. The "door indicator light" goes out.

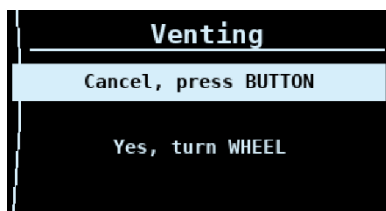
7.2.2 Venting

⚠ Notes:

- When the scanner is activated, the DMCs on the dispenser bottles are read and the associated data (e.g., liquid type and fill quantity) is stored for each filling process. To prevent incorrect filling quantities from being recorded, the system must therefore be vented before filling the dispenser bottles.

After reading the DMC, the following options appear on the display:

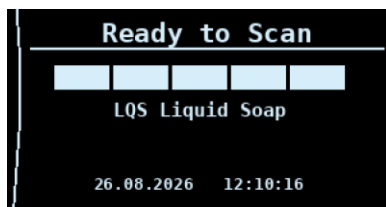
- Cancel, press BUTTON: Exit the menu item without performing the venting. Return to active mode (Ready to Scan).
- Yes, turn WHEEL: Manual venting is started by turning the rotary wheel clockwise.



Case A: No venting required:

- Select the menu item "Cancel, press BUTTON" and confirm by pressing the fast-forward button.

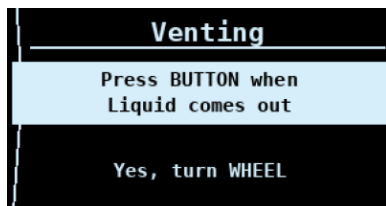
The display shows the active mode (Ready to Scan).



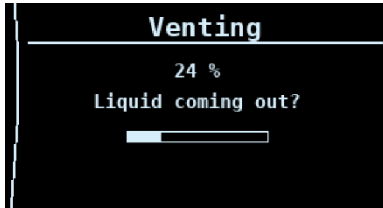
Case B: Venting required:

- Turn the rotary wheel clockwise.

The display shows the following:



- Continue turning the rotary wheel clockwise.
- The pump starts, and the speed is shown as a percentage (e.g. “24%”).
- The display also shows: “*Liquid coming out?*”
- As soon as liquid comes out of the outlet, this must be confirmed by pressing the fast-forward button.
- The system is completely vented.



7.2.3 SmartCube® Liquid Level Indication

The machine indicates the approximate remaining liquid level of the SmartCube® on the display, as shown in *Figure 11*.

⚠ Note:

The displayed liquid level is an indication and may vary depending on the liquid type, viscosity, and brand of liquid used. It should not be considered as an exact measurement.



Figure 11: SmartCube® Liquid Level Indication.

7.3 Refilling ADA dispenser systems

1. Scan the dispenser bottle
Use the scanner to scan the Data Matrix Code (DMC) on the back label of the dispenser bottle to be filled.
If the scanned DMC matches the previously scanned SmartCube®, the backlight LEDs illuminate green and an acoustic signal sounds. If the liquid specified by the dispenser bottle does not match the liquid in the

SmartCube®, the dispenser bottle cannot be refilled. The backlight LEDs illuminate red and an acoustic signal sounds to indicate the error.



Figure 12: Back of a dispenser bottle with label (left side of image) and enlarged section of the label with DMC (right side of image)

2. Unscrew the cap or pump from the dispenser system.
3. Place the cap or pump upside down on the designated areas of the drip tray.
4. Hold the dispenser bottle directly underneath the outlet.
5. Refill the product using one of the described refill modes → *see chapter 7.4 Refilling Options*. The transmitted light behind the outlet allows you to monitor the filling level. Use this indication to adjust the dispensing quantity and prevent overfilling.

7.4 Refilling Options

Refilling via rotary wheel

1. Set the desired conveying speed by turning the rotary wheel clockwise. The conveying speed increases continuously as the rotary wheel is turned.
2. To switch off the pump, turn the rotary wheel fully counterclockwise until it stops. An audible "click" confirms that the pump has switched off.

Note:

Never turn the rotary wheel beyond the stop. Over-tightening can damage the threads and render the machine permanently unusable.

Refilling via pedal

⚠ Note:

The pedal must be connected and installed for this function. See *chapter 9. Pedal Installation* for details.

1. By pressing the pedal, the pump immediately starts pumping at the delivery rate set via the pedal.
2. Turn off the pump by releasing the pedal.

Customized refilling via the fast-forward button

The Customized Refilling functions allow you to adjust the refill process to your requirements using two settings:

1. Fast Filling: Sets the pump speed when the fast-forward button is pressed. Three speeds are available: Fast, Medium, and Slow (see *chapter 8.2.4 Menu item "Fast Filling"*)
2. Auto Stop: Sets the volume to be dispensed. When the pre-set volume is reached, the pump stops automatically (see *chapter 8.2.5 Menu item "Auto Stop"*)

⚠ Note:

In the factory default setting, both settings "Fast Filling" and "Auto Stop" are deactivated.

Refilling Procedure

- a) Press and hold the fast-forward button.
The pump starts and delivers the liquid at the preset speed.
- b) Release the fast-forward button.
The pump stops immediately.
- c) Auto Stop (if activated).
If the Auto Stop function is activated, the pump automatically stops when the preset volume has been dispensed. See *chapter 8.2.5 Menu item "Auto Stop"*.

⚠ Notes:

When Auto Stop is activated, releasing the fast-forward button before the preset volume is reached stops the pump immediately.

7.5 Standby mode

- After 2 minutes of inactivity, the device automatically switches to standby mode, indicated by the standby light (see *Figure 8, B*)
- Waking up from standby mode: Press any button. The standby light will go out.

8. Menu Structure

- The starting point for the menu structure is the active mode (“Ready to Scan”). From here you can control the pump, scan, or adjust settings in the service menu.
- In active mode (Ready to Scan), the installed liquid, including the remaining amount, as well as the date and time are displayed.
- Various settings or functions can be accessed via the service menu.

8.1 How to access the service menu

Press and hold the fast-forward button for at least 5 seconds.

You are now in the service menu. Turning the rotary wheel clockwise will take you to the respective sub-items → *see chapters 8.2.1 to 8.2.15.*

This display appears one position after turning the rotary wheel clockwise.

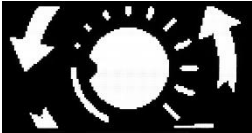


By turning the rotary wheel completely to the left and confirming with the fast-forward button, the menu can be exited.



8.2 Service Menu

- Navigation within the menu structure is done by turning the rotary wheel.
- Pressing the fast-forward button opens the previously selected menu item.
- The fast-forward button is also used to confirm and select marked entries within the menu.

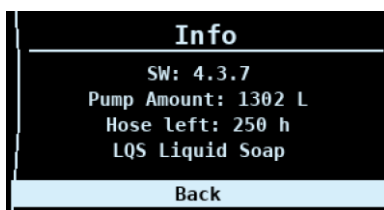
Operation		Important message on display
		
Rotary wheel	Fast-forward button	Meaning: Turn the rotary wheel back against the clockwise direction as far as possible (off position).

- Access to certain menu items, such as the Scanner menu item, requires the user PIN.
The initial user PIN is: **0000 (factory setting)**.
Customers can change their initial user PIN → see chapter 8.2.15 Menu item "Change User PIN").
- Selecting "Back" in the sub-chapters described below returns you to the next higher level in the menu structure.

8.2.1 Menu item "Show Info"

The menu item contains the following information:

- *SW*: Software version
- *Pump Amount*: Total amount pumped from the SmartCube® in liters.
- *Hose Hours left*: Displays the remaining time until the next hose change in hours (max. 250 h)
- *LQS Liquid Soap*: Name of the liquid (example entry) in the installed SmartCube® (read via DMC or entered manually). If no liquid has yet been read/entered, "No Liquid" will appear on the display.



8.2.2 Menu item "Language"

This menu item allows you to select the desired language for the machine interface. Alternatively, the language can be changed by scanning one of the following Data Matrix Codes:



Note:

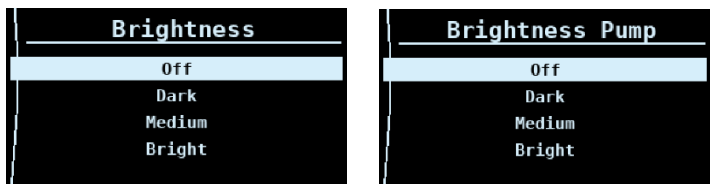
If the Account Control function (→ see chapter 8.2.14 Menu item "Account Control") is activated, the selected language is saved to the logged-in user profile. The selected language will then be applied automatically each time the user logs in.

8.2.3 Menu item "Brightness"

This menu item allows you to adjust the brightness settings for both, the control panel ("BRIGHTNESS") and the back light LEDs ("BRIGHTNESS PUMP").

For both settings, one of the following entries can be selected:

- Off: Lighting is switched off.
- Dark: low light intensity.
- Medium: medium light intensity.
- Bright: high light intensity.



⚠ Note:

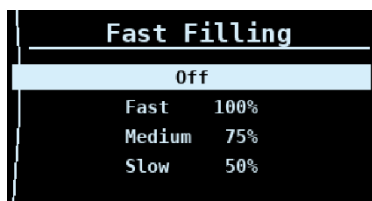
If the Account Control function is activated, the selected brightnesses are saved to the logged-in user profile. The selected brightnesses will then be applied automatically each time the user logs in.

8.2.4 Menu item “Fast Filling”

This menu item is used to set the dispensing speed for Fast Filling. The configured speed is active only while the fast-forward button is pressed. Dispensing via the rotary wheel remains unaffected by this setting.

The following options are available:

- Off: Fast Filling function is disabled.
- Fast (100%): High pump speed.
- Medium (75%): Average pump speed.
- Slow (50%): Low pump speed.



⚠ Notes:

The Fast Filling function is disabled by default.

If the Account Control function is activated, the selected speed is saved to the logged-in user profile. The selected speed will then be applied automatically each time the user logs in.

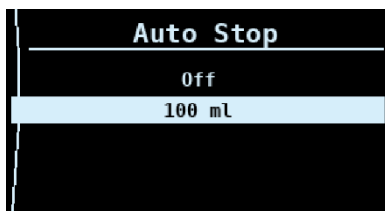
8.2.5 Menu item “Auto Stop”

In this menu item, a dispensing volume (e.g. 100 ml) can be defined. Once the selected volume has been dispensed, the pump stops automatically.

The Automatic Stop function is only available when the Fast Filling function described in *chapter 8.2.4 Menu item “Fast Filling”* is activated. It is triggered only by pressing the fast-forward button and does not apply when dispensing using the rotary wheel.

The following options are available:

- Off: The Auto Stop function is disabled.
- 100 ml: The pump automatically stops after dispensing 100 ml. The dispensing volume can be adjusted using the rotary wheel.



⚠ Notes:

The auto stop function is deactivated in the factory default setting.

The actual pumped volume might slightly differ depending on the used liquid type and brand.

If the Account Control function is activated, the selected Auto Stop setting is saved to the logged-in user profile. The selected Auto Stop setting will then be applied automatically each time the user logs in.

8.2.6 Menu item “Venting”

This menu item only appears in the service menu when the scanner is activated → see chapter 8.2.13 Menu item “Scanner”

If additional venting of the SmartCube® is required, you can vent manually via this menu item.

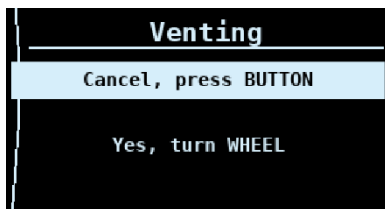
⚠ Notes:

- To avoid storing incorrect fill levels, the system must be vented before the filling process of the dispenser bottles.

a) Select menu item by pressing the fast-forward button. Then, turn the rotary wheel to the off position.

The following options appear on the display:

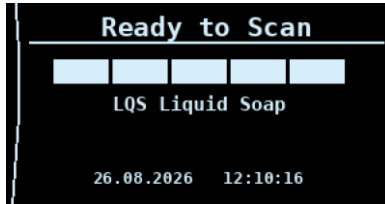
- Cancel, press BUTTON: Exit the menu item without performing the venting. Return to active mode (Ready to Scan).
- Yes, turn WHEEL: Start manual venting by turning the rotary wheel clockwise.



b) Case A: No venting required:

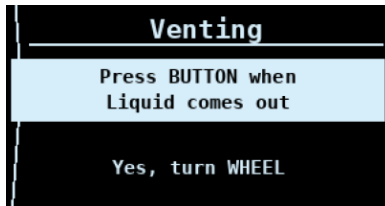
- Select the menu item "Cancel, press BUTTON" and confirm by pressing the fast-forward button.

The display shows the active mode (Ready to Scan).

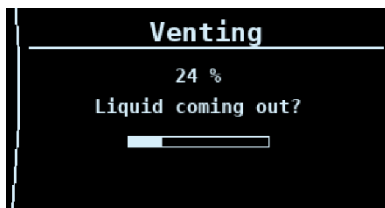


c) Case B: Venting required:

- Turn the rotary wheel clockwise. The display shows the following:



- Continue turning the rotary wheel clockwise.
- The pump starts, and the speed is shown as a percentage (e.g., "24%").
- The display also shows: "*Liquid coming out?*"
- As soon as liquid comes out of the outlet, this must be confirmed by pressing the fast-forward button.
- The system is completely vented.



d) Exit menu:

- After complete venting, press the fast-forward button.
- Turn the rotary wheel back to the off position.
- Menu item is exited, return to active mode (Ready to Scan).

8.2.7 Menu item “Liquid Select”

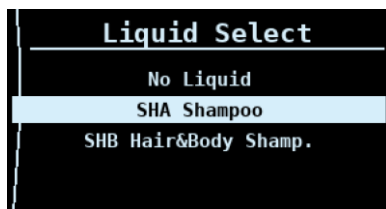
This menu item only appears in the service menu when the scanner is deactivated → see chapter 8.2.13 Menu item “Scanner”). When the scanner is activated, the cosmetic product is recognized by reading the DMC!

⚠ Note:

If the DMC on the SmartCube® or dispenser bottle is missing or illegible, the liquid can be selected via the menu item.

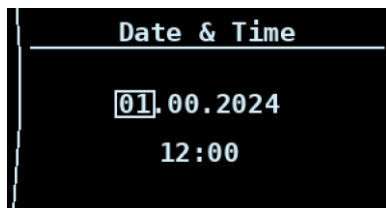
After selecting the menu item, the liquid list appears. After selecting, the ADA COSMETICS logo lights up in the color assigned to the liquid.

The menu item can also be exited without specifying a liquid by selecting the entry “No Liquid”.



8.2.8 Menu item “Date & Time”

In this menu, the date can be entered in three steps in the format dd mm yyyy. The time is then entered in two steps in 24-hour format. After confirming the last entry and turning the rotary wheel fully counterclockwise (off position), the service menu is exited and you return to active mode.



8.2.9 Menu item “Maintenance”

This menu item is intended exclusively for use by authorized manufacturer personnel. Access requires the service PIN. This menu item allows, in particular, the execution of a self-diagnosis of the device, which is carried out in many individual steps.

⚠ Note:

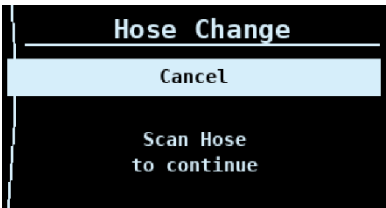
For technical problems, please contact the ADA Cosmetics hotline.

8.2.10 Menu item “DMC Reader”

This menu item allows the contents of a DMC to be read and displayed. DMCs on SmartCubes®, dispenser bottles, and hose systems can be scanned. After selecting the menu item, hold the DMC underneath the scanner. The decoded DMC information will be displayed on the screen.

8.2.11 Menu item “Hose Change”

To change the hose system, select this menu item. After successfully entering the user PIN (initial PIN is: **0000**) The following message will be displayed on the screen.



The menu item can be exited by selecting "Cancel" (DMC from the hose system will not be read) or the DMC can be read by holding the DMC of the hose system in front of it.

 Notes:

- A detailed and illustrated description of the necessary steps for changing the hose system is presented in *chapter*

 Electrical	 DANGER Risk of electric shock if the screwed-on housing parts are removed due to the resulting access to the transformer (misuse!). Always unplug the device for safety reasons when performing the described cleaning procedure!
 Reizung der Haut	 CAUTION Cleaning products can cause skin irritation. Always wear suitable protective gloves and safety glasses when cleaning the device with stainless steel cleaner!

- 12. Hose Change.

- A hose DMC is valid for a single registration only. After scanning, the DMC is permanently deactivated to ensure that previously used hoses cannot be reinstalled in the machine.
- After the successful reading of the DMC of the hose system, the sum of the pump runtime starts again (starting value 0 h).

⚠ Danger:

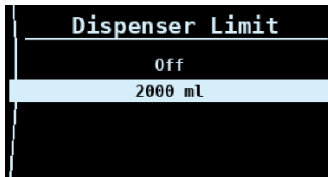
The hose system must be replaced after a maximum of **250 operating hours**. After this operating time has been exceeded, the **pump will no longer function**.

8.2.12 Menu item “Dispenser Limit”

⚠ Note:

Changing this setting requires entering the four-digit user PIN (initial user PIN is: **0000**)

This menu item allows you to define the maximum dispensing volume per dispenser. The selected value determines the total volume that can be filled into a dispenser by the machine. A dispensing limit between 1000 ml and 10000 ml can be selected. Once a limit has been set, it applies to all dispensers filled using this refill station.



Once the defined volume limit has been reached, the machine displays the following message and the backlight turns yellow:



If a dispenser that has already reached its defined limit is scanned, the refill station will not accept the dispenser for further filling. The backlight turns red, and the following error message is displayed:



8.2.13 Menu item “Scanner”

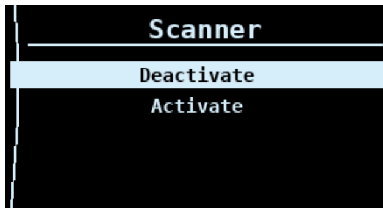
This menu item allows you to activate or deactivate the scanner's function for reading the DMC.

⚠ Note:

Changing this setting requires entering the four-digit user PIN (initial user PIN is: 0000)

One of the following entries can be selected:

- Deactivate: Scanner function is switched off → see also *chapter 8.2.13.1 Refilling with deactivated scanner function*.
- Activate: Scanner function is switched on.

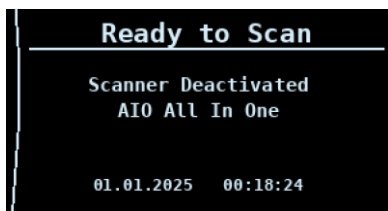


⚠ Notes:

- The scanner function is activated in the factory default setting.
- The menu item "Liquid selection" is only displayed as a selection option in the menu when the scanner is deactivated → see *chapter 8.2.7 Menu item “Liquid Select”*.

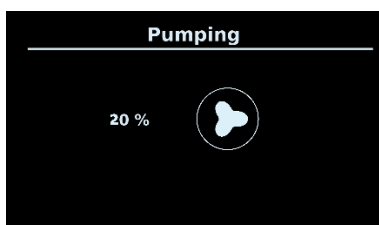
8.2.13.1 Refilling with deactivated scanner function

Information about the deactivated scanner is displayed as an additional indicator in active mode (Ready to Scan).



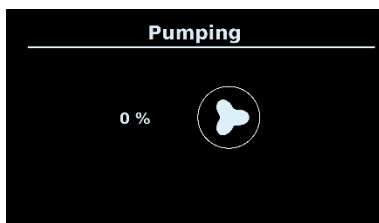
Starting the pumping process:

First, press the fast-forward button to activate pump mode. Turning the rotary wheel clockwise starts the pumping process at the desired delivery speed.

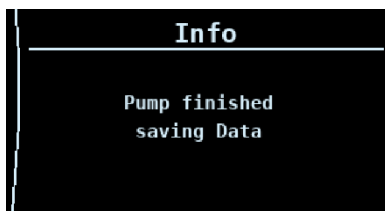


End of the pumping process:

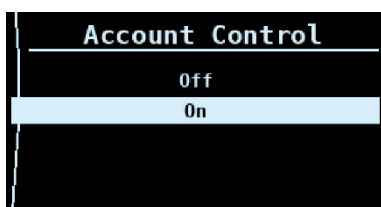
Turn the rotary wheel counterclockwise to the *OFF position*.



Approximately 2 seconds after the pump stops, the status "*Pump finished*" appears on the display and the data is saved.

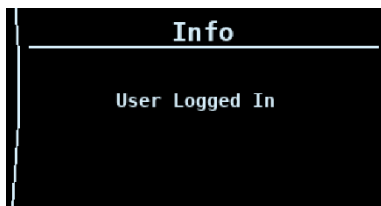


8.2.14 Menu item “Account Control”



This menu item enables or disables the Account Control function. When activated, the refill station can only be operated by authorized users with a valid User ID Card containing a personalized User Data Matrix Code (DMC). User ID Cards are not included with the refill station and must be ordered through your ADA sales representative.

Users can log in by scanning their User ID Card. After successful login, the blue tick symbol on the HMI display is activated, and the following message is displayed:



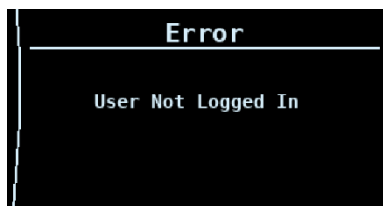
Once a user is logged in, all operations performed by that user are recorded and stored on the SD card.

In addition, selected personal settings are saved to the user's profile and automatically restored each time the same User ID Card is scanned. The following settings are stored:

- Language
- Brightness
- Fast Filling

- Automatic Stop

If an unauthorized user attempts to operate the refill station, operation will be denied and the following message will be displayed:



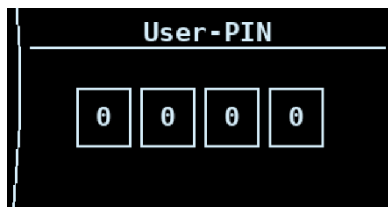
Users can log out by scanning their User ID Card again. Alternatively, the user is logged out automatically after 2 minutes of inactivity, when the machine switches to standby mode.

⚠ Notes:

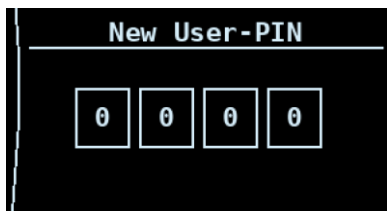
The refill station is designed to store operational and compliance-related information only. The refill station is not designed to store directly identifiable personal data. User identifiers are intended solely for operational traceability and compliance documentation. Activity Log data is generated for quality assurance, hygiene documentation, process verification and regulatory inspections. The recorded information is not intended to be used for employee monitoring, employee performance evaluation or behavioral assessment. Responsibility for the lawful use of logged information remains with the operator of the device.

8.2.15 Menu item “Change User PIN”

This menu item allows the user PIN to be changed. The default user PIN upon delivery of the device is "0000". After selecting the menu item, the following display appears:



After successfully entering the current USER PIN and confirming by pressing the fast-forward button, any new user PIN can be entered in the next step.



In case of loss of the current user PIN, the following default PIN can be used to enter a new user PIN: **9012**

8.3 Data storage for compliance purposes

The refill station stores operational and compliance-related information on the installed SD card.

The file “Activity Log” provides traceability of refill operations, SmartCube® changes, cleaning cycles, venting procedures, hose replacements, and system events.

The stored information may include:

- Date and time of the event: Indicates when a specific action was done. Only accurate, if date & time settings of the machine are correct.
- Event type: Indicates which event has been conducted (e.g. venting, successful pumping, mismatch with DMC etc.).
- Active SmartCube® identification: Indicates which SmartCube® is currently active/loaded in the device.
- Active hose identification: Indicates which hose is currently active/loaded in the device.
- Scanned Code: Indicates which product has been scanned.
- Dispensed quantity: Shows the dosed volume of each event in ml.
- User identifier (if Account Control is activated): Shows the user, who operated the machine.

Notes:

All recorded event types are explained in the “Activity Log” file, page “LogFiles_EVENTS”

The SD card must not be removed while the device is writing data.

Removal of the SD card should only be carried out by authorized personnel.

Downloading and Viewing Activity Logs

The Activity Log is saved on the SD card as a CSV file. To open and view the data in Microsoft Excel, follow the steps below:

- a) Remove the SD card from the device (see Figure 6, item 10)
- b) Insert the SD card into a computer.
- c) Start Microsoft Excel.

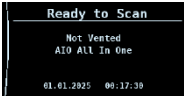
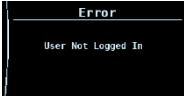
- d) Select Data → Get Data → From Text/CSV.
- e) Select the CSV file from the SD card.
- f) Confirm the delimiter and import settings.
- g) Click Load.

The activity log will then be displayed in tabular format and can be filtered, sorted and archived for documentation purposes.

8.4 Display and error messages

Display	possible cause/ meaning	remedy
 (green)	Standby mode active	Press any key
 (blue)	User logged in	Press any key or start operating the machine
	Door opened	Please close for operation

	The hose was in operation for 150 hours.	Please replace the hose soon.
	The hose was in operation for 200 hours.	Please replace the hose immediately.
 (yellow)		
 (red)		
  Flashing (red) + Warning light (red)	Hose's service life far exceeded	 Electrical  Reizung der Haut
		 DA Risk of el are rem transform Always u performi  Cle Alv gla cle:
		12. Hose Change)
 (yellow)	General warning!	Wait a moment, turn the device off and on again
 (red)	Error! Device is blocking output; possible overvoltage or incorrectly connected components (e.g. pump)	Please contact our customer service department (→ see <i>chapter</i> 16. <i>ADA Customer</i> <i>Service)</i>

	The rotary wheel must be turned back.	Turn the rotary wheel counterclockwise until a click is heard (off position).
	The scanned / installed SmartCube® has not yet been vented.	Re-scan and vent the SmartCube® or start venting in the service menu (→ see chapter 8.2.6 Menu item "Venting").
	SmartCube® reached the maximum, dispensable volume	Please change SmartCube®
	Account Control activated but no User logged in	Log in via scanning of User DMC

9. Pedal Installation



The device must be switched off before plugging in or unplugging the pedal, otherwise damage to the device is likely.

Connect the pedal:

1. Switch off the device using the main switch on the back.
2. Insert the pedal's jack into the designated socket.
3. Turn the device back on.

Remove pedal:

1. Switch off the device using the main switch on the back.
2. Press the release button on the pedal's connector socket to disconnect the plug.
3. Turn the device back on.

10. Exchange of SmartCube®

1. Open the door.
2. Pull out the drawer.
3. Disconnect the plug connector from the SmartCube® by pressing the release button.
4. Remove the SmartCube® to be replaced.

Attention:

- If you change the liquid type (e.g., shampoo → body lotion, or conditioner → hand soap) or brand, you must first clean the hose system after completing step 4. To do this, follow the steps described in *chapter 11.1 Integrated Cleaning Program* before proceeding to step 5.
 - If the same type of liquid from the same brand is still being used (e.g. shampoo → shampoo), you can proceed directly to step 5. For certain compatible liquid changes, the machine may offer a "Skip Cleaning" option. In such cases, the user may decide whether the cleaning cycle should be performed or skipped. The selected option is logged on the SD card to ensure traceability and provide documentation of the performed procedure.
5. Preparatory steps for the new SmartCube®:
 - 5.1. Screw a new or cleaned SmartCube® adapter onto the new SmartCube®.
 - 5.2. Scan the DMC of the prepared SmartCube®. The entry "Venting" will appear on the display (→ *see bullet point 9*).
 6. Insert the SmartCube® into the drawer, paying attention to the markings on the drawer bottom.
 7. Connect the SmartCube® to the plug connector.
 8. Close the drawer and door.

Note:

Make sure there is a container under the outlet valve to collect any residual fluid remaining in the hose system during venting.

9. The indications on the display must be observed during the venting process. A detailed description of the venting procedure can be found in *chapter 8.2.6 Menu item "Venting"*.

Note:

Never unscrew the black SmartCube® adapter from a partially used SmartCube® until it is completely empty. This prevents air, and therefore a potential source of contamination, from being drawn into the SmartCube®.

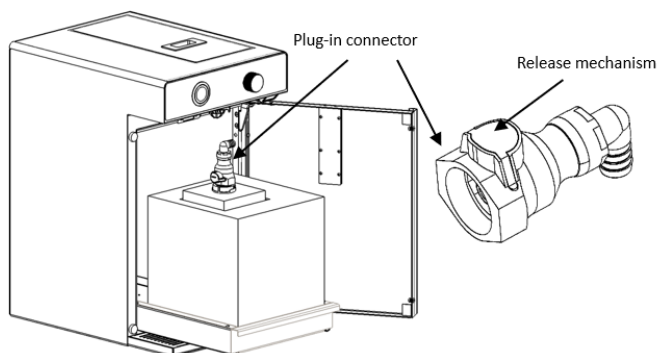


Figure 13: Changing the SmartCube® and operating the plug-in connector

11. Cleaning the Refillution

11.1 Integrated Cleaning Program

In the event of a change in liquid type or brand, the hose system must always be cleaned beforehand, especially for hygienic reasons. For certain compatible liquid changes, the machine may offer a "Skip Cleaning" option. Examples include changing from shampoo to shower gel of the same brand or from liquid soap to an All-in-One product. In such cases, the user may decide whether the cleaning cycle should be performed or skipped. The user's decision is recorded on the SD card for traceability and documentation purposes.

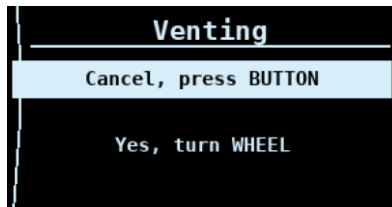
For cleaning, a SmartCube® is used with the cleaning fluid "Refillution Cleanser".

 skin irritation	 CAUTION
	Cleaning products can cause skin irritation. When cleaning the hose system, when using the SmartCube® with the cleaning agent "Refillution Cleanser", always wear suitable protective gloves and safety goggles!

Once the device is ready for use, proceed with the following steps.

1. Scan the DMC of the “Refillution Cleanser”.

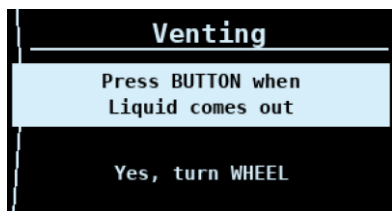
The following message appears on the display:



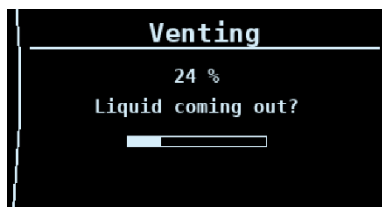
- Insert the “Refillution Cleanser” SmartCube® into the drawer, paying attention to the markings on the drawer bottom.
- Connect the “Refillution Cleanser” SmartCube® to the plug connector.
- Close the drawer and door.

2. Venting the hose system.

Place a container (at least 500ml) under the outlet valve. Turn the rotary wheel slightly clockwise. The following message will appear on the display.



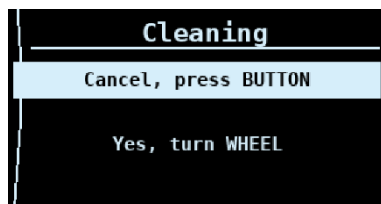
- To start the system venting process, continue turning the rotary wheel clockwise. The pump will start automatically. Its speed (e.g., " 33%") depends on the position of the rotary wheel and can therefore be adjusted individually.
- The display also shows: Liquid leaked?
- As soon as cleaning fluid comes out of the outlet, press the fast-forward button to stop the venting process.



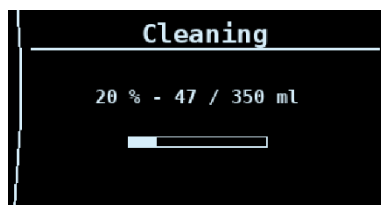
- Turn the rotary wheel counterclockwise to the off position.

3. Cleaning process of the hose system

After completing step 2 (venting), the display shows the following:



Ensure that a container remains positioned under the outlet valve. Turn the rotary wheel clockwise to start the rinsing process. The display shows the current rinsing volume and the set pump speed (in %).



Once the required cleaning liquid volume has been reached, the pump will stop automatically. Then turn the rotary wheel back to its starting position to complete the flushing process. The cleaning process is documented on the SD card. The discharged cleaning fluid must be disposed of properly.

Once all previous steps have been completed, remove the "Refillution Cleanser" as described in *chapter 10. Exchange of SmartCube®* and then insert the SmartCube® with the desired product.

Important information:

- During the subsequent venting of the new SmartCube®, the cleaning agent remaining in the hose is first pumped out. This must under no circumstances be poured into a soap dispenser, but must be collected in a container and disposed of properly.
- Do not stop the venting process until the new product is clearly visible coming out of the newly inserted SmartCube®.

11.2 Cleaning the Device

⚠ Attention:

Wear suitable, commercially available disposable gloves when cleaning the device. Do not use high-pressure cleaners, abrasive cleaners or chlorine-based cleaners.

For Light soiling:

Wipe the device with a damp microfiber cloth and warm water. Then dry all surfaces with a soft, absorbent cloth.

⚠ **Important:** If liquid product such as liquid soap, conditioner, or body lotion is spilled or splashed onto the device, clean it immediately. Do not allow product residues to dry on the surfaces.

For thorough cleaning of stainless steel parts:

For intensive cleaning of the stainless steel components, use a commercially available stainless steel cleaner.

Cleaning the Drip Unit

1. **Remove the drip tray:** Lift the drip tray slightly and carefully pull it away from the device (see *Fehler! Verweisquelle konnte nicht gefunden werden.a*).
2. **Remove the drip grid:** Remove the drip grid from the drip tray using the recessed handles on the sides of the tray (see *Fehler! Verweisquelle konnte nicht gefunden werden.b*).
3. **Clean the drip unit:** Empty the drip tray and rinse the drip tray and drip grid thoroughly under running water.
4. **Reassemble the drip unit:** Once all parts are clean and dry, reinstall the drip grid and drip tray.

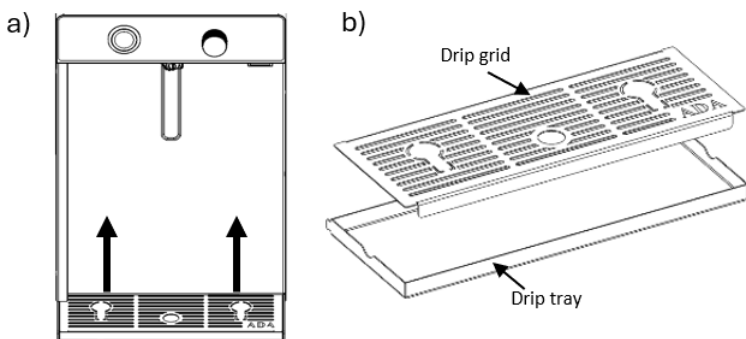


Figure 14: Removal and disassembly of the drip unit

Removing the Drawer for Thorough Cleaning

If required, the drawer can be removed together with its attachments for more thorough cleaning. To remove the drawer, remove the four screws on the lower inside of the device (see *Fehler! Verweisquelle konnte nicht gefunden werden.*).

⚠ Important: The area to the left of the pump contains the electronics (see also Figure 5). This area does not require cleaning and must not be exposed to water or cleaning agents. Do not open the device housing. Removing housing screws or other housing parts is only permitted during repairs by authorized personnel.

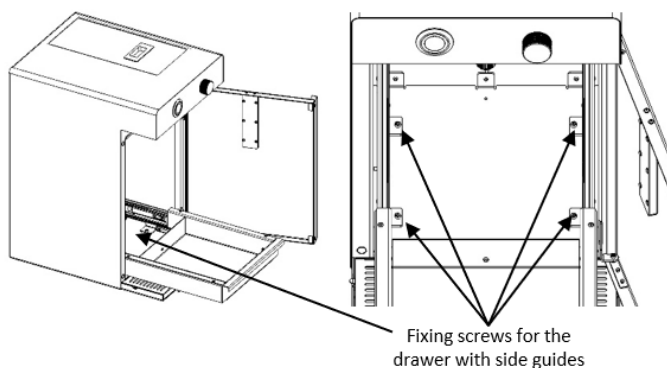


Figure 15: Screw positions on the inside of the device

 Electrical	⚠ DANGER Risk of electric shock if the screwed-on housing parts are removed due to the resulting access to the transformer (misuse!). Always unplug the device for safety reasons when performing the described cleaning procedure!
	⚠ CAUTION

 skin irritation	Cleaning products can cause skin irritation. Always wear suitable protective gloves and safety glasses when cleaning the device with stainless steel cleaner!
---	---

12. Hose Change

The hose is subject to mechanical stress in the contact area with the peristaltic pump and therefore has a limited lifespan of approximately 200 hours or a maximum of two years. For this reason, the hose must be replaced at regular intervals. This also serves to ensure the hygiene of the device. The device indicates when a hose replacement is due by illuminating the corresponding indicator light → see chapter 8.4 *Display and error messages*.

You can purchase a new hose with all necessary components (hose assembly) from ADA Cosmetics International. The steps for replacing the hose system are summarized and displayed as a short text on the screen

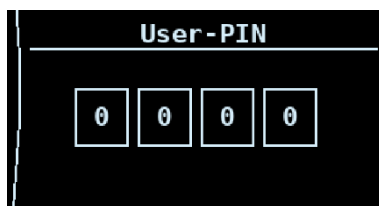


The entire hose system, consisting of the hoses with connectors, the outlet, and the quick-release coupling, must be replaced. Reusing individual components is not permitted.

Preparatory step:

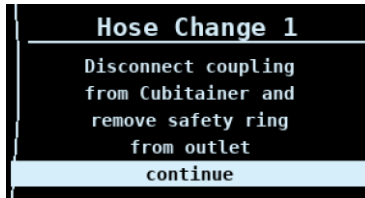
First, scan the DMC on the hose packaging. This registers the hose change and automatically resets the hour meter. After scanning the DMC, you must first enter your user PIN.

The device will then automatically switch to hose change mode. The next steps will be displayed on the screen. You can then unpack the new hose system.



Step-by-step instructions:

Step 1: Disconnect the coupling from the SmartCube® and remove the safety ring from the outlet.



- Disconnect the plug connector from the SmartCube®.
- Remove SmartCube® (→ see chapter 10. *Exchange of SmartCube®*).
- Remove the retaining ring above the outlet by pulling on the tab. The arrow in Figure 16 indicates the direction of pull.

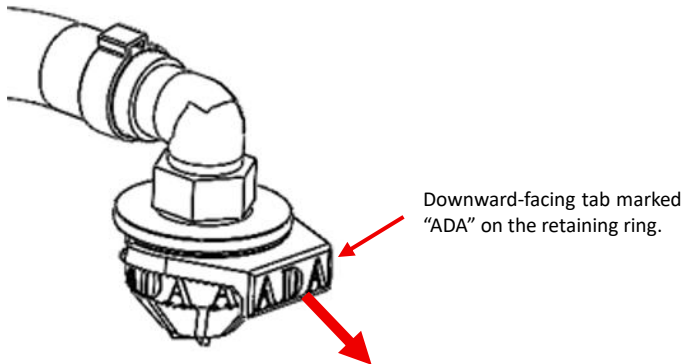
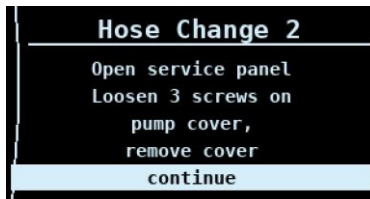


Figure 16: Outlet with retaining ring and attachments

Step 2: Open service panel, loosen 3 screws on pump cover, remove cover.



- Remove the maintenance cover.
- Loosen three screws on the pump cover
- Remove pump lid

Step 3 : Remove hose from pump. Manual turning makes the process easier.

Hose Change 3

Remove hose from
pump. Manual turn
makes process
easier

continue

- a) Carefully pull the hose out of the pump.
- b) If necessary, manually rotate the hose pump (both directions of rotation are possible) to facilitate removal.

Step 4 : Push the outlet up and remove the entire hose system from the machine.

Hose Change 4

Push outlet up and
remove complete hose
system from machine

continue

- a) Push the outlet valve with union nut upwards through the housing opening.
- b) Carefully pull the hose system out of the pump compartment.

⚠ Do not loosen the union nut - this is not permitted.

Step 5: Now follow all steps in reverse order to install new hose system.

Hose Change 5

Now follow all
steps in reverse
order to install
new hose system

continue

To install the new hose system, the aforementioned steps 1 to 4 must be carried out in reverse order.

Step 6: Insert new hose. Pay attention to the groove on the pump housing tabs.

Hose Change 6

Insert new hose.
Pay attention to
groove on pump
housing tabs

continue

A.) Inserting the hose system

- a) Insert the new hose system through the housing opening into the pump chamber.
- b) Guide the hose end with the quick-release coupling downwards into the drawer area.
- c) Guide the outlet valve at the other end of the hose system through the housing opening at the outlet.

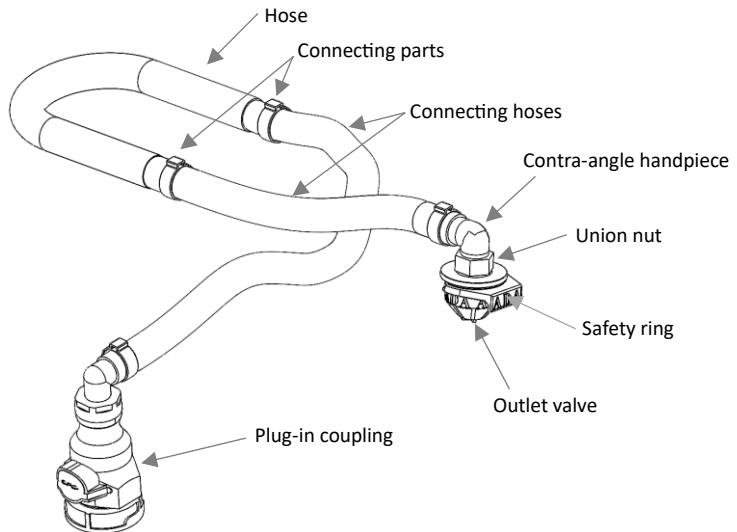


Figure 17: Components of the hose system

B.) Positioning the pump hose

- a.) Positioning or fixing the pump hose (left + right) by aligning the respective groove in the two connecting parts with the lugs in the pump housing and pushing them on as far as possible (see Figure 18 to Figure 21).
- b.) Align the “nupsi” with the recess in the pump housing (see Figure 19 and Figure 20). Slightly rotating the hoses can make alignment easier.

⚠ Note:

If the pump cover cannot be placed on the pump housing without a gap, incorrect positioning must be assumed and the positioning process must be repeated.

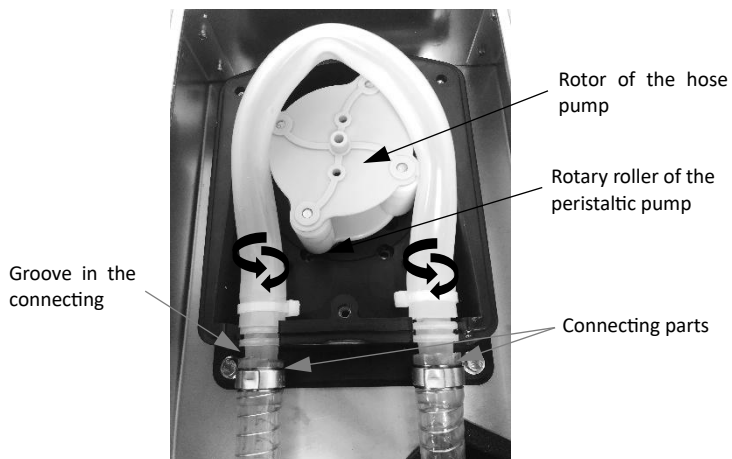


Figure 18: Peristaltic pump without lid showing the pump hose when inserting the new hose system

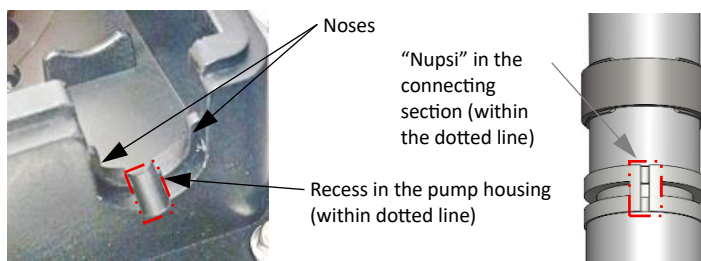


Figure 19: Section of the housing of the peristaltic pump in the area of the hose passage (left) and section of the hose system (right)

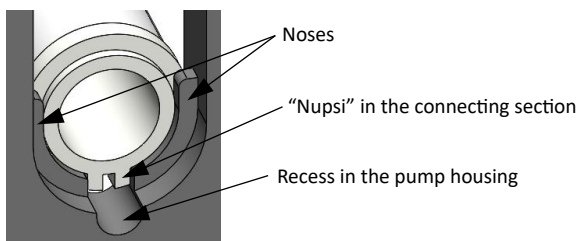


Figure 20: Sectional view of the housing of the peristaltic pump in the area of the hose passage (left)

C.) Inserting a hose between the rotor and the housing

Insert the hose between the rotor of the peristaltic pump and the inside of the pump housing (see Figure 21). Slightly rotating the pump makes threading easier.

⚠ Note:

The hose is correctly positioned when it is only touched by the white rotating rollers.

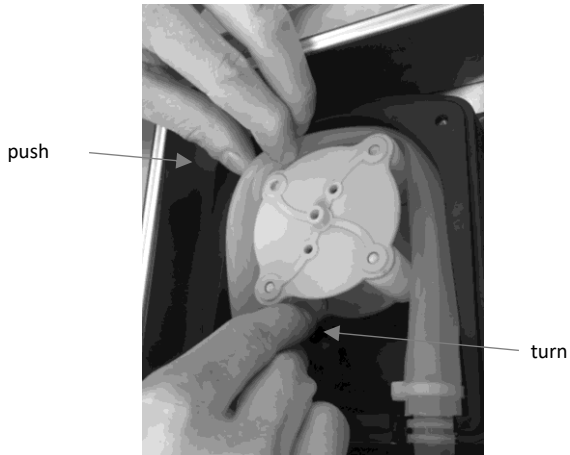
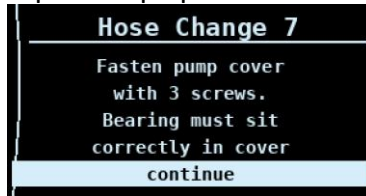


Figure 21: Positioning of the hose in the pump

Step 7 : Fasten pump cover with 3 screws. Bearing must sit correctly in cover.



- Put the lid on the hose pump.
- Tighten three screws using a tool.

⚠ Caution: The pump bearing must be correctly seated in the lid (see Figure 22).

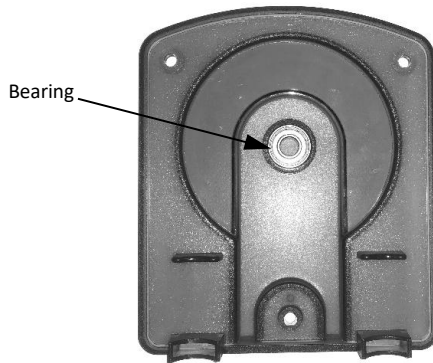
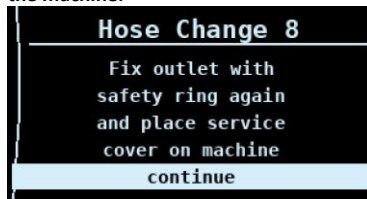


Figure 22: Positioning of the bearing in the pump cover

Step 8 : Secure the outlet with the safety ring and place the service cover on the machine.



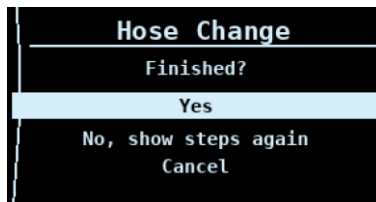
- Secure the outlet valve with a retaining ring.
- Replace the maintenance cover on the machine.

Completion

After changing the hose, the display shows "Finished?".

Choose:

- Yes: hose replacement completed.
- No, show steps again
- Cancel: exit process without completion.



⚠ Note:

Dispose of the old hose system in accordance with legal requirements.

13. Accessories, Wear and Spare Parts

No .	Designation	Requirement	Order mark	remark
1	SmartCube® adapter	SmartCube® Switch	<u>REF002SMPCC</u>	V = Wear part
2	Outlet (including cross-slot valve)	If required	<u>REF100GASTC</u>	E= spare part
3	Microfiber cloth	If required	<u>REF002GAMFC</u>	E= spare part
4	Foot pedal	If required	<u>REF001GAFPR</u>	Z = Accessories
5	Hose system consisting of: 1x pump hose, 2x connecting hoses, 2x connecting parts, 1x plug-in coupling, 1x angle piece, 1x union nut, 1x retaining ring and 1x exhaust valve	Replace after a maximum of 200 operating hours or a maximum of 2 years (whichever comes first).	<u>REF001GAHOR</u>	V= Wear and tear- part
6	Fixation system	When used on ships	<u>REF001ACHMA</u>	Z = Accessories
7	Attention, for USA only: Original power cable	For US only: If required	<u>REF001GAPWC- DEU-USA</u>	E= spare part
8	SmartCube® with cleaning agent "Refillution Cleanser"	If required	<u>REFB10CURLC</u>	E=Spare part
9	Protection for edges around the door	If required	<u>REF001GAAPP</u>	Z = Accessories

14. Disposal

The device includes, in particular, electronic and electrical components and has a mass (without SmartCube®) of approximately 19 kg.

The device is normally provided to the customer as a loaner. After the loan period or at the end of its service life, the device must be returned to the manufacturer, ADA Cosmetics.

Please contact ADA Cosmetics customer service to clarify the necessary details!

 Note:

Under no circumstances should the device be disposed of in household waste, whether assembled or disassembled!

The disposal of devices or their components is subject to legal regulations in some cases. Information on proper disposal can be obtained from environmental agencies at the federal or state level. Devices to be disposed of may only be delivered to authorized collection points.

15. Technical Data

Dimensions (W x H x D)	329 mm x 537 mm x 431 mm
Mass	approx. 19 kg, max. approx. 30 kg including SmartCube®
Voltage	100-240V AC, 50-60Hz
Maximum power consumption	92 W
Max. volume flow	approx. 2.5 l/min
Connection cable	IEC C13 power cord
Hose types	PVC hose, pump: silicone
Power cord length	approx. 1.8 m
Noise emission value	max. 65 dB(A) at a measuring distance of 1m
Fuse rating	4 A (fast)
Protection rating	IP20
Temperature ranges	Operating temperature: 0°C to 50°C Transport: -10°C to 60°C Storage: 0°C to 60°C
Humidity	Max. 80% relative humidity

16. ADA Customer Service

GERMANY / Headquarters

ADA Cosmetics International GmbH - Kehl
Tel +49 7853 898 0 / info@ada-cosmetics.com

AUSTRIA

ADA Cosmetics International GmbH - Werns
Tel +43 54 14 8 64 47 / info.at@ada-cosmetics.com

SWITZERLAND

ADA Cosmetics International GmbH - Zug
Tel +41 41 726 82 96 / info.ch@ada-cosmetics.com

ITALY

Prima Srl - Bolzano
Tel +39 0471 637524 / info@prima.bz

FRANCE

ADA France SARL - Strasbourg
Tel +33 3 88 60 18 12 / info.fr@ada-cosmetics.com

SPAIN

ADA France SARL - Barcelona
Tel +34 93 344 32 54 / info.es@ada-cosmetics.com

GREAT BRITAIN

ADA Cosmetics International Ltd. - Bedford
Tel +44 1234 347 140/ sales.uk@ada-cosmetics.com

DENMARK

ADA International Scandinavia A/S - Hellerup
Tel +45 36 77 80 08 / info.dnk@ada-cosmetics.com

EASTERN EUROPE

ADA International sro - Holice
Tel +420 466 681 701 / sales.cz@ada-cosmetics.com

UNITED STATES

ADA International USA Inc. - Naperville, IL
Tel +1 847 297 5105 / sales.us@ada-cosmetics.com

CANADA

ADA International Canada Inc. - Kelowna, BC

Phone +1 705 801 6002/ Orders.ca@ada-cosmetics.com

UNITED ARAB EMIRATES

ADA Pacific Direct General Trading LLC - Dubai

Tel +971 40 431 8920 / sales.uae@ada-cosmetics.com

SINGAPORE

ADA International Pte. Ltd. - Singapore

Tel +65 6566 8373 / sales.apac@ada-cosmetics.com

ATTACHMENT

EU Declaration of Conformity

1. Manufacturer

ADA Cosmetics International GmbH
Rastatter Straße 2 A, 77694 Kehl, GERMANY

2. Product Identification

Product Name: ADA Refillution
Model: RS_v2 Rev.: C
Product Description: Refill Station for ADA Dispenser Systems
Year of Manufacture: 2026 onwards

3. Declaration

This Declaration of Conformity is issued under the sole responsibility of the manufacturer. The manufacturer hereby declares that the product described above complies with the relevant requirements of the following Union harmonisation legislation:

- Machinery Directive 2006/42/EC
- Electromagnetic Compatibility (EMC) Directive 2014/30/EU
- RoHS Directive 2011/65/EU, as amended by Directive (EU) 2015/863

This declaration applies only to the product in the condition in which it was placed on the market. Components added and/or modifications made subsequently by third parties are not covered by this declaration.

4. Applied Standards and Technical Specifications

Machinery Safety

- **EN ISO 12100:2010**
Safety of machinery - General principles for design - Risk assessment and risk reduction

Electrical Safety

- **EN IEC 60335-1:2023 + A11:2023**
Household and similar electrical appliances - Safety - Part 1: General requirements

Human Exposure to Electromagnetic Fields

- **EN 62233:2008**
Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure

Electromagnetic Compatibility (EMC)

- **EN IEC 55014-1:2021**
Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
- **EN IEC 55014-2:2021**
Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard
- **EN 55032:2015 + A1:2020**
Electromagnetic compatibility of multimedia equipment – Emission requirements
- **EN 55035:2017**
Electromagnetic compatibility of multimedia equipment - Immunity requirements
- **EN 61000-3-2:2014**
Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions
- **EN 61000-3-3:2013**
Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems

5. Technical Documentation

The technical documentation supporting this Declaration of Conformity is maintained by:

ADA Cosmetics International GmbH
Rastatter Straße 2A, 77694 Kehl, Germany

Location: Kehl

Date: 30.09.2026



(Signature of Lutz Hübner, CEO of ADA Cosmetics International GmbH)

ADA Cosmetics International GmbH