

Geck®

Hygiene station with SensorTouch L
















Operating instructions

English translation of the original German operating instructions

Status: 11/2021

Downloading the instructions

Country	Language
 BG	Сканирайте QR кода по-долу. Заредете ръководството на вашето мобилно крайно устройство. Уверете се, че достъпът до изтеглените ръководства е възможен по всяко време.
 DK	Scan QR koden nedenfor. Download vejledningen på din mobilenhed. Kontroller, at det til enhver tid er muligt at få adgang til de downloadede vejledninger.
 FIN	Skannaa alla oleva QR-koodi. Lataa ohje mobiililaitteeseesi. Varmista, että ladatut ohjeet ovat aina käytettävissä.
 F	Scannez le code QR ci-dessous. Téléchargez la notice sur votre appareil mobile. Assurez-vous que la notice téléchargée reste accessible à tout moment.
 GR	Σαρώστε τον παρακάτω κωδικό QR. Κατεβάστε τις οδηγίες στην κινητή συσκευή σας. Βεβαιωθείτε ότι μπορείτε να έχετε πρόσβαση στις οδηγίες που κατεβάσατε ανά πάσα στιγμή.
 GB	Scan the QR code below. Download the instructions to your mobile device. Make sure that you can access the downloaded instructions at any time.
 I	Scansionare il codice QR sottostante. Scaricare le istruzioni sul proprio dispositivo mobile finale. Assicurarsi che sia possibile accedere in qualsiasi momento alle istruzioni scaricate.
 HR	Skenirajte dolje prikazani QR kod. Preuzmite upute na svoj mobilni uređaj. Omogućite stalni pristup preuzetim uputama.
 LT	Nuskaitykite toliau pateiktą QR kodą. Atsisiųskite instrukcijas į mobilųjį įrenginį. Įsitinkite, kad atsisiųstas instrukcijas galite pasiekti bet kuriuo metu.
 NL	Scan de onderstaande QR code. Laad de instructies op uw mobiele toestel. Zorg ervoor dat toegang tot de gedownloade instructies altijd mogelijk is.
 RO	Scanați codul QR de mai jos. Încărcați instrucțiunile pe terminalul dvs. mobil. Asigurați-vă că accesul la instrucțiunile descărcate este posibil în orice moment.
	

Country	Language
D	Den untenstehenden QR Code scannen. Die Anleitung auf Ihr mobiles Endgerät laden. Sicherstellen, dass der Zugriff auf die heruntergeladenen Anleitungen jederzeit möglich ist.
PL	Zeskanuj znajdujący się poniżej kod QR. Pobierz instrukcję na swoje urządzenie mobilne Zapewnij stały dostęp do pobranych instrukcji
P	Ler o código QR indicado em baixo. Descarregar as instruções para o dispositivo móvel. Assegurar que o acesso às instruções descarregadas seja sempre possível.
S	Skanna QR-koden nedan. Ladda ned anvisningen till din mobila slutenhet. Se till att nedladdade anvisningar alltid finns tillgängliga.
SRB	Skenirajte QR kod koji je prikazan ispod. Preuzmite uputstvo na svoj mobilni uređaj. Pobrinite se da pristup preuzetom uputstvu bude moguć u svakom trenutku.
SK	Naskenujte nižšie uvedený QR kód. Stiahnite si návod do svojho mobilného zariadenia. Uistite sa, že prístup k stiahnutým návodom je kedykoľvek možný.
SLO	Odčitajte spodnjo QR-kodo. Naložite navodila na svojo končno mobilno napravo. Zagotovite, da bo dostop do prenesenih navodil vedno mogoč.
E	Escanee el código QR que aparece abajo. Descargue el manual de instrucciones a su dispositivo móvil. Asegúrese de poder acceder al manual descargado en cualquier momento.
CZ	Naskenujte níže uvedený QR kód. Stáhněte si návod ke svému mobilnímu koncovému zařízení. Zajistěte, aby byl ke staženému návodu kdykoli umožněn přístup.
H	Szkennelje be az alábbi QR-kódot. Töltse le az utasítást a mobil eszközére. Győződjön meg róla, hogy bármikor hozzá tud férni a letöltött utasításokhoz.
TR	Aşağıdaki QR kodunu tarayın. Kılavuzu mobil cihazınıza yükleyin. İndirilen kılavuzların her zaman erişilebilir durumda olmasını sağlayın.
	

Foreword

This manual will show you how to use the hygiene station with SensorTouch L safely. The hygiene station with SensorTouch L is simply referred to as “product” in the following.

The Geck SensorTouch L is simply referred to as “dispenser” in the following.

Keep this manual handy

This manual is an integral part of the product.

- Please read this manual carefully before using the product for the first time.
- Always observe the instructions and specifications in this manual.
- Keep the manual for the entire service life of the product.
- Keep the manual available for reference.
- If the manual gets lost or has become illegible, request a new copy from the manufacturer.
- Supply the manual with the product if you sell it or pass it on.

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1 Safety

1.1 Intended use

The product is used for touch-free hand hygiene. The product may be installed in publicly accessible areas of businesses. It is suitable for use by the general public.

The product must not be exposed to spray water at its location.

The inside areas of the product are lockable and may only be opened by qualified personnel.

The product is intended exclusively for use with liquid disinfectants based on ethanol, 1-propanol and 2-propanol. Disinfectants with added chlorine or acids must not be used. The canister for disinfectant must have an RD51 screw connection.

Intended use includes reading, understanding and following the instructions in this manual.

Any other use is expressly deemed to be improper.

1.2 Ambient conditions

- Only use the product in dust-free environments.
- Do not use the product in potentially explosive atmospheres.
- Protect the product from direct sunlight (max. 50 °C).
- Protect the product from naked flames.

1.3 Duties of the operator

- The operator must ensure that all accident prevention regulations are observed.
- The operator must ensure that only qualified and instructed personnel carry out work with and on the product.
- The operator must ensure that only the intended disinfectant is used.

1.4 Personnel qualifications

This manual is intended for qualified personnel. These persons may only carry out the activities described in this manual in accordance with the operator's work instructions.

Qualified personnel are, for example, building technicians.

1.5 Personal protective equipment

Personal protective equipment is required for the following activities on the product:

- Safety footwear when transporting and setting up
- Protective gloves when transporting, setting up and, if necessary, when inserting and changing the disinfectant, if this is specified in the disinfectant safety data sheet.
- If necessary, wear safety goggles when using and changing the disinfectant, if specified in the disinfectant safety data sheet.

1.6 Basic safety instructions

1.6.1 Preventing fire or explosion

Fire may occur due to ignition of the spilled disinfectant.

- Observe the ambient conditions (see page 6).

Risk of fire due to leaking disinfectant.

- Ensure that the intended disinfectant is used.
- Check the hoses and their connections before continuous operation.
- Remove the canister before transport.

Risk of fire due to uncontrolled disinfectant leakage. The pump will not switch off.

- If the pump malfunctions, take the product out of operation until the fault has been rectified.

1.6.2 Eliminating slips, trips and falls

- Ensure that the work environment is clean and dry. Remove any spills immediately.
- In case of leakage, take the product out of service until the malfunction has been rectified.

1.6.3 Preventing hand injuries

- Wear safety footwear and protective gloves when moving and setting up the product.
- Hold the product by the handle with both hands to prevent injuries being caused, for example, by edges or by the product slipping out of hands.

1.6.4 Preventing injury from the product tipping over

- Place the product on a firm, level, non-slip surface (e.g. back to a wall).
- Level the product using the adjustable feet.

1.6.5 Preventing eye injury and irritation of mucous membranes

Disinfectant that sprays out must not be allowed to get into the eyes or mucous membranes and must not be swallowed.

- Only allow children and people with impaired motor skills or mental disabilities to use the product under supervision.

1.6.6 Prevent injuries due to improper repair

- Only use the product when it is in perfect working order.
- Contact the manufacturer if the dispenser is damaged.

1.6.7 Prevent environmental damage

- Dispose of the product and its components in accordance with the regulations in force at the place of use.

1.7 Avoid material damage and malfunctions

1.7.1 Preventing damage to the product

- Do not drop the product.
- Do not subject the machine to impact loads.
- Regularly remove splashes on stainless steel.

1.7.2 Preventing damage caused by incorrect cleaning

- Only use stainless steel cleaners without abrasive ingredients on the dispenser components.
- Only use soap cleaner and water to clean the product.
- Never use spray water.

1.7.3 Preventing theft

- Close the doors.
- Lock the combination locks securely by turning them and adjusting the code.
- Keep the keys and the code protected from unauthorised use.

1.8 Warning and instruction signs

The following warning sign is attached inside the dispenser (see page 14):



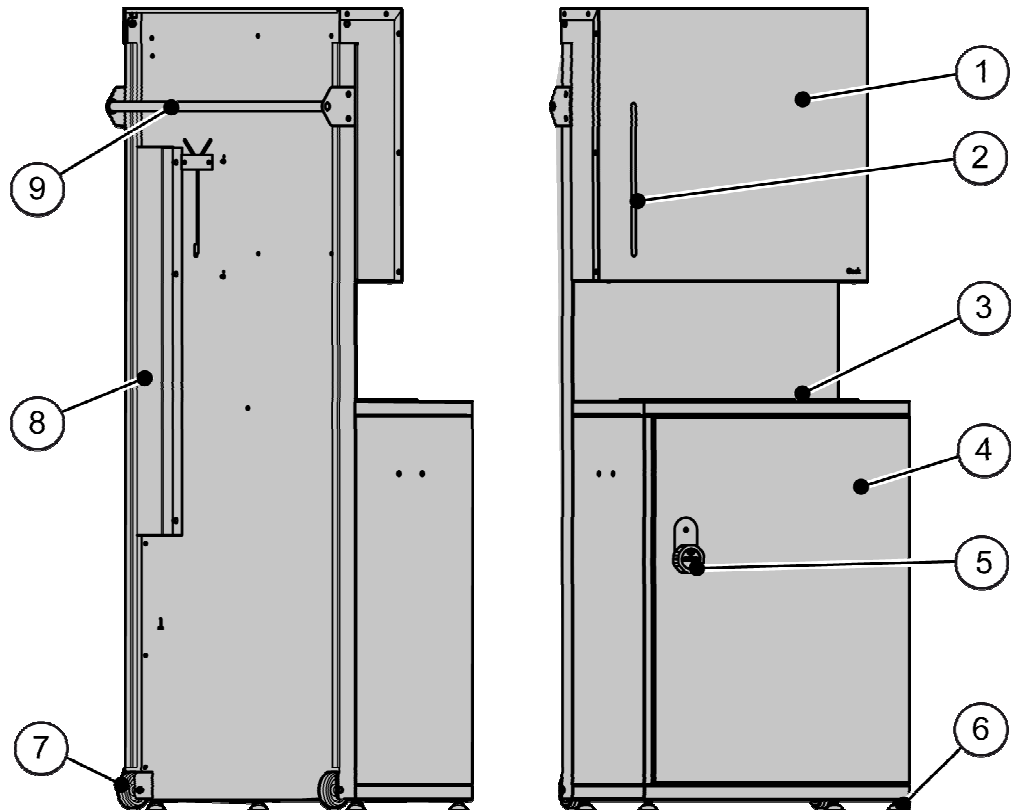
- Ensure that the warning sign attached to the dispenser is always clearly visible and legible.
- Replace the damaged or lost warning sign immediately.

2 Description

2.1 Scope of delivery

- Hygiene station with SensorTouch L
- Rechargeable battery with charger

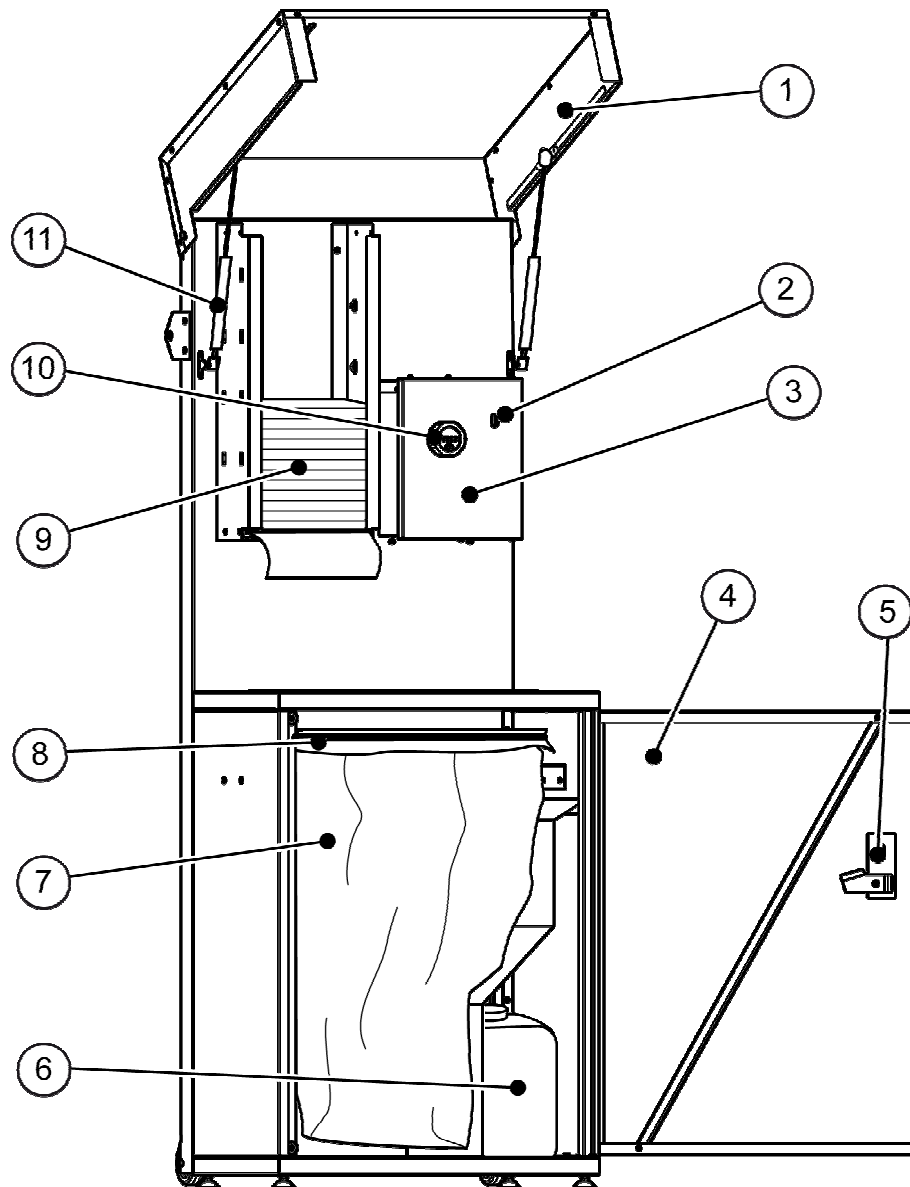
2.2 Product



- ① Cover
- ② Inspection window
- ③ Cover for bin liner holder
- ④ Door
- ⑤ Combination lock

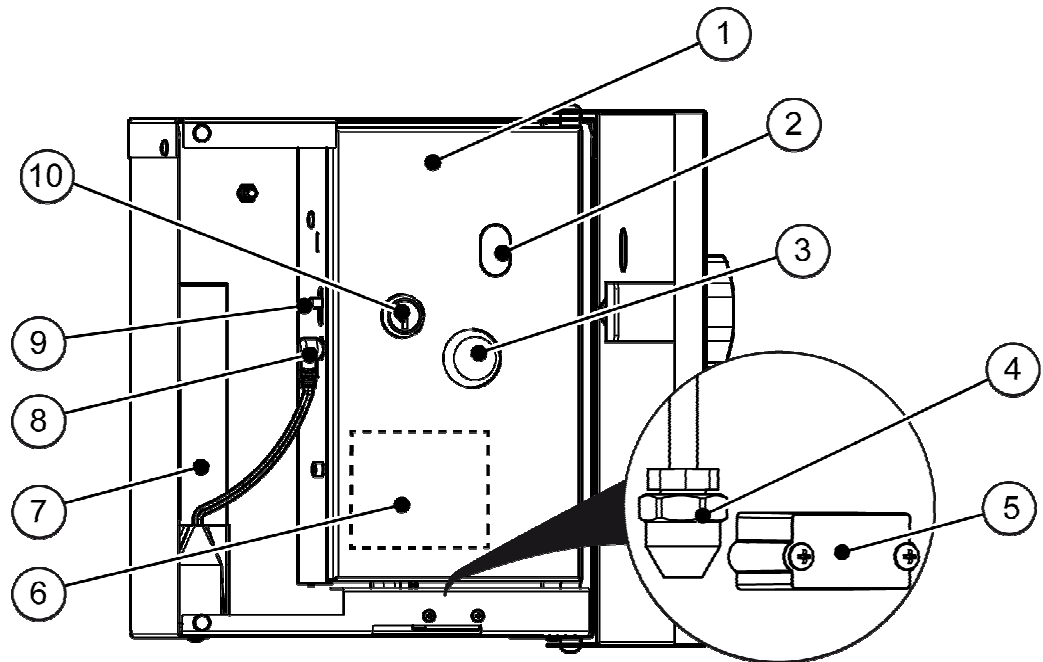
- ⑥ Foot
- ⑦ Wheel
- ⑧ Cover for hose
- ⑨ Handle

2.3 Inside view

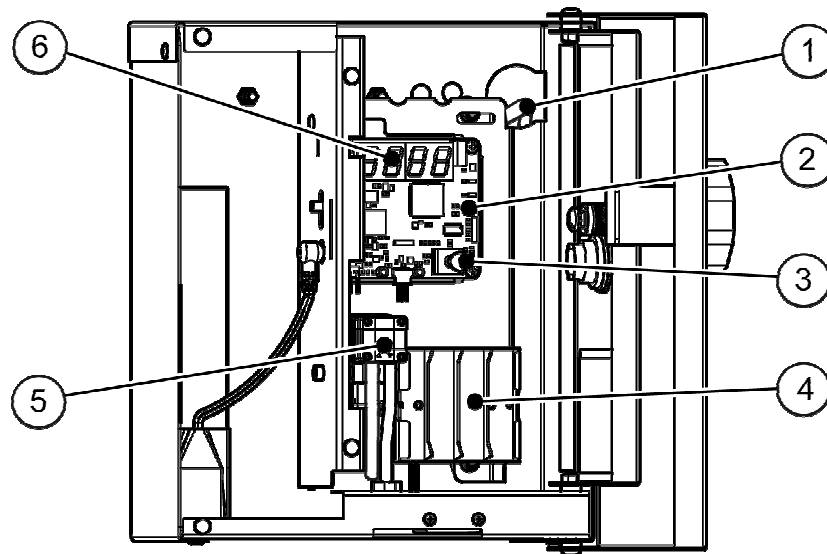


- | | |
|-------------------------------------|--|
| ① Cover in open position | ⑦ Bin liner |
| ② Inspection window for status LEDs | ⑧ Rubber band to hold the bin liner in place |
| ③ Dispenser | ⑨ Compartment for paper hand towels |
| ④ Door | ⑩ Combination lock |
| ⑤ Latch | ⑪ Gas strut |
| ⑥ Canister | |

2.4 Dispenser



- | | |
|-------------------------------------|-----------------------------|
| ① Service door | ⑥ Warning sign |
| ② Inspection window for status LEDs | ⑦ Rechargeable battery |
| ③ Button for manual pumping | ⑧ Rechargeable battery plug |
| ④ Spray nozzle | ⑨ ON/OFF switch |
| ⑤ Sensor | ⑩ Key lock |



- | | |
|--|---|
| ① Hose | ④ Battery compartment for backup batteries (4 x AA batteries) |
| ② Status LEDs | ⑤ Pump |
| ③ Button for displaying and configuring parameters | ⑥ 7-segment display |

2.5 Task and function

The product is used for touch-free hand hygiene. It has the following components:

- A dispenser
- Two combination locks
- Feet
- Two wheels
- One compartment for paper hand towels
- One bin liner holder

The dispenser is equipped with a sensor. This detects an object, e.g. a hand, within the detection range and triggers an automatic dosing process. This controls the pump that delivers the disinfectant from the canister to the spray nozzle. The quantity can be adjusted (see page 30). The spraying time is adjusted accordingly.

The dispenser has the following modes:

- Operation
- Power save (power-saving mode)
- Settings

In “Operation” mode, the 7-segment display is activated. The current number of sprays is displayed and the total number of sprays is also saved. After 30 seconds without user interaction, the unit switches to “Power save” mode.

In “Power save” mode, the 7-segment display is deactivated. The dispenser functions are not affected by this. The automatic spraying processes are carried out. Turning the button switches to “Operation” mode.

In “Settings” mode, the dispenser parameters can be displayed and adjusted. After 60 seconds without user interaction, the unit switches to “Operation” mode.

Power is supplied by a rechargeable battery.

The dispenser can be operated in backup mode using batteries.

Backup mode only works when the rechargeable battery is not connected.

2.6 Type plate

The type plate is on the right side. The type plate displays the following data:



- Manufacturer's address
- Product number
- Model
- DIN/CE
- Year of manufacture
- Production order

3 Storing, transporting and unpacking

3.1 Unpacking and checking the scope of delivery

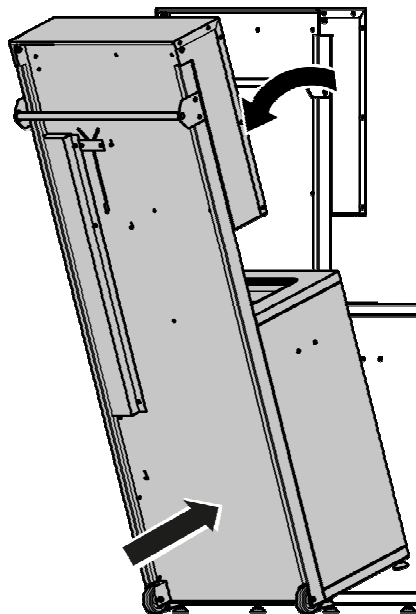
- Remove the product parts from the original packaging.
- Check that all parts of the product have been supplied; (see 12).
- Check that the parts are in perfect condition.
- Contact the manufacturer if there are any missing or damaged parts.

3.2 Storing and transporting the product

⚠ CAUTION	
	<p>Risk of hand injury from grabbing edges and corners.</p> <ul style="list-style-type: none"> ➤ Wear protective gloves and safety footwear. When transporting the product.
⚠ CAUTION	
	<p>Risk of fire due to leaking disinfectant.</p> <ul style="list-style-type: none"> ➤ Remove the disinfectant before transportation.


When empty, the product weighs approximately 56 kg.

- Grab the handle on the product with both hands.
- Tilt the product as shown to transport it to the required location.



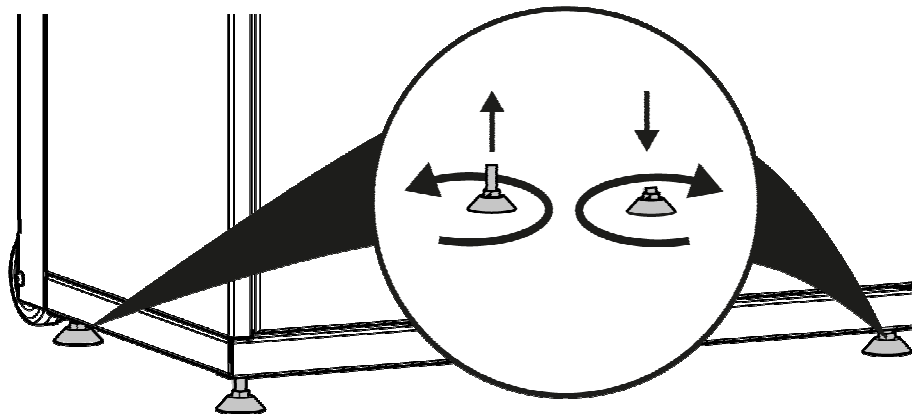
- Store the product and its components in a dry place protected from sunlight.

4 Setting up the product

⚠ CAUTION	
	<p>Injury may occur if the product tips over during operation.</p> <ul style="list-style-type: none">➤ Place the product on a firm, level, non-slip surface (e.g. back to a wall).➤ Align the product horizontally.➤ After aligning, make sure that all feet are firmly seated in the thread and are not turned out too far.

The installation surface must be larger than the product and must be able to bear the weight of the product. For weights and dimensions, see the *Technical data* section, page 52.

- If necessary, align the feet as shown so that the product is exactly horizontal. Only unscrew the feet as far as necessary.

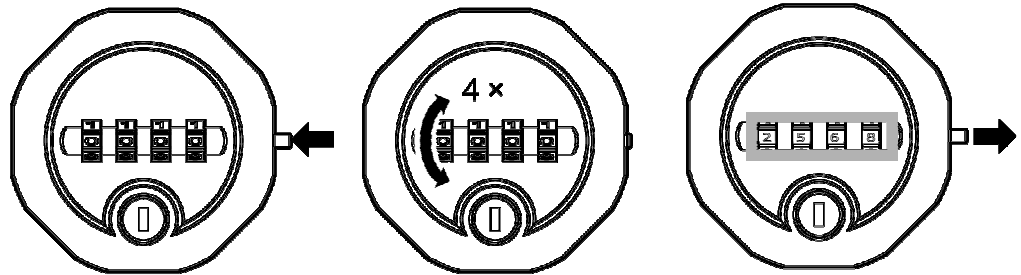


5 Commissioning the product



5.1 Setting the combination locks

In the delivery state, the number sequence is 0000.

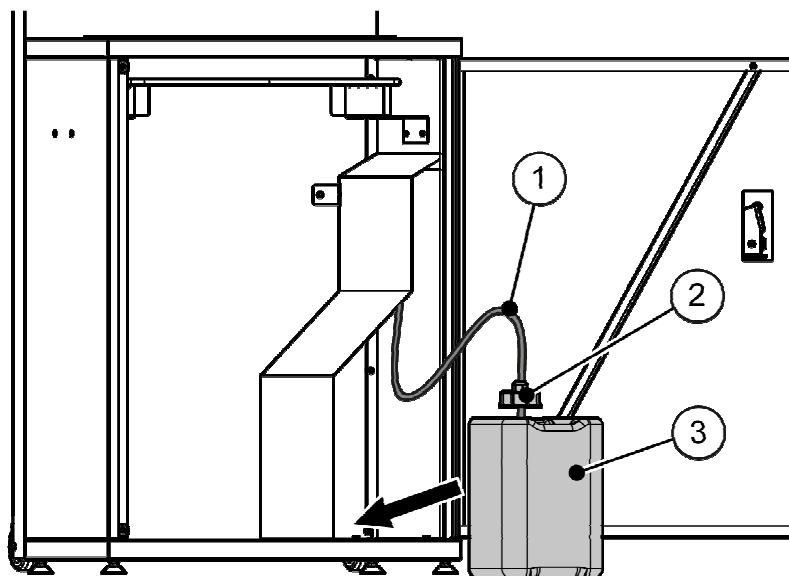
- Press and hold the pin.
- Set the required number.
- Release the pin.



5.2 Inserting the disinfectant

⚠ CAUTION	
	Risk of fire due to leaking disinfectant. <ul style="list-style-type: none">➤ Only use the intended disinfectant.➤ Ensure that the canister is replaced properly.➤ Check the hoses and their connections before continuous operation.
⚠ CAUTION	
	Risk of eye injury due to contact with disinfectant. <ul style="list-style-type: none">➤ Read and follow the information in the disinfectant manufacturer's safety data sheet.➤ Wear safety goggles and protective gloves if required by the disinfectant manufacturer.➤ Remove any spilled disinfectant.

- Open the lower door.
- Remove the cap from the full canister.
- Insert the hose (1) below the cap (2) into the canister (3).
- Put on the cap (2) and close it.
- Insert the canister (3) and close the door.



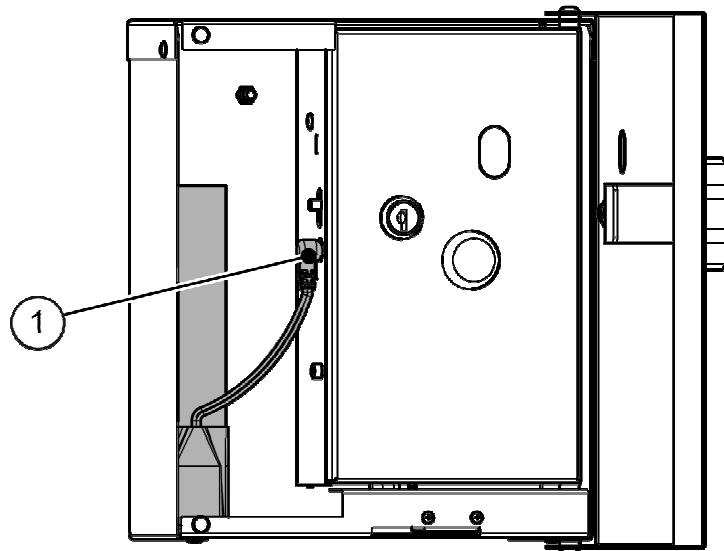
5.3 Connecting the rechargeable battery

CAUTION!	
	<p>Risk of damage to the rechargeable battery.</p> <p>There is a film on the rechargeable battery that covers the contacts (see “Do not remove” sticker).</p> <ul style="list-style-type: none">➤ Do not remove the film.

When delivered, the rechargeable battery is approx. 80% charged and can be used immediately.

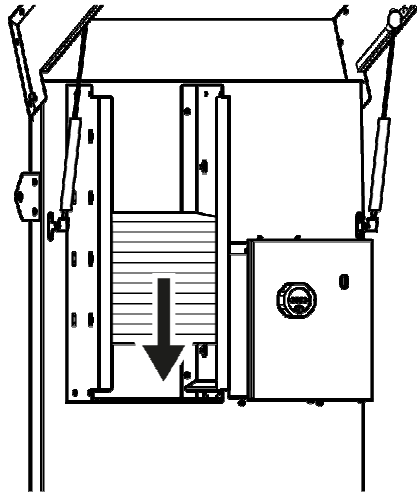
- When using the rechargeable battery for the first time, remove the protective cap for transport from the battery plug.
- Open the dispenser door.
- Insert the rechargeable battery into the holder as shown.
- Insert the rechargeable battery plug into the socket (1).
- Carefully close the dispenser door.

When the rechargeable battery is inserted correctly, the dispenser door will close properly.



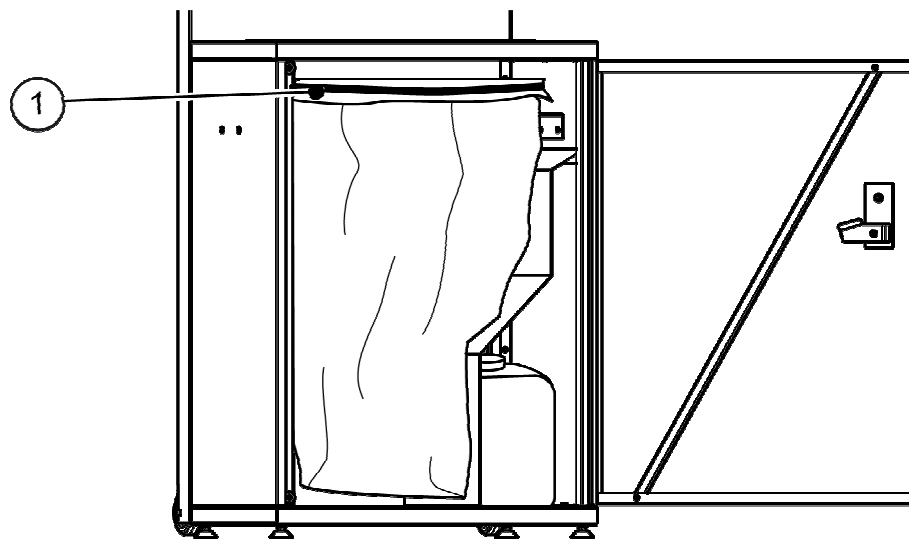
5.4 Filling up the paper towel compartment

- Insert the paper hand towels. To ensure easy removal of the single towels, do not squeeze them together.



5.5 Fitting the bin liner

- Place the bin liner over the frame and secure it with the rubber band (1).



6 Switching the dispenser on and off

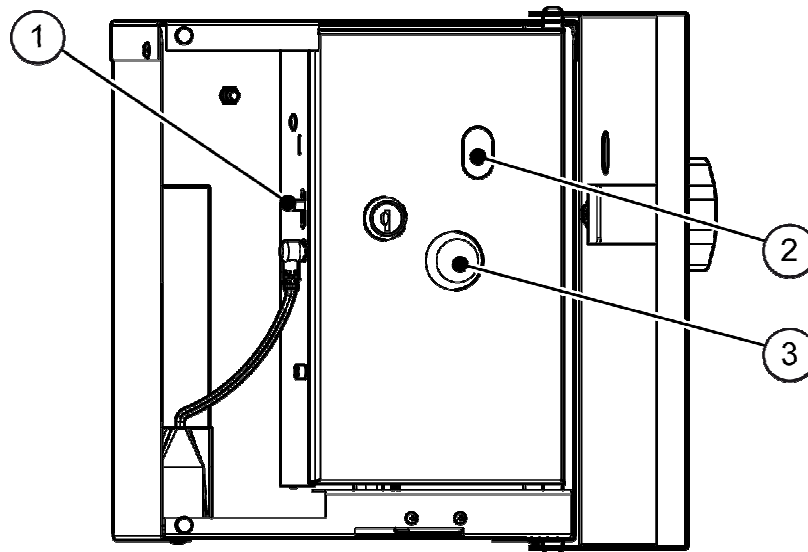
- Slide the ON/OFF switch (1) up to the ON position.

The power LED (2) lights up green. The dispenser is ready for operation.

Before using the dispenser for the first time, the hose is empty.

- To enable the spraying process, fill the hose with disinfectant. To do this, keep the button (3) pressed until disinfectant comes out of the spray nozzle.

The dispenser is now ready for operation.



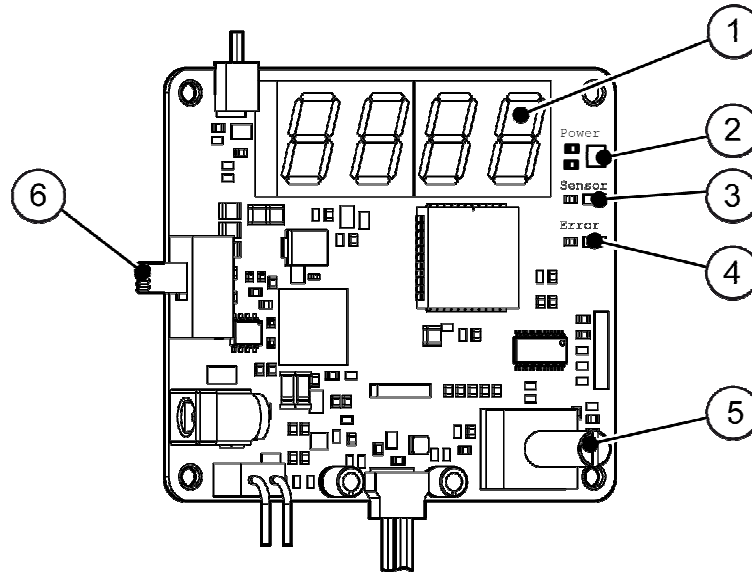
- To switch off the dispenser, slide the ON/OFF switch down to the OFF position.

The power LED goes out. The dispenser is switched off.

7 Configuring the dispenser

- ① The dispenser is preconfigured in its delivery state. In “Settings” mode (see page 29), you can display and adjust the dispenser parameters using the button.

7.1 Circuit boards



- ① 7-segment display
- ② Power LED
- ③ Sensor LED
- ④ Error LED
- ⑤ Button for displaying and configuring parameters
- ⑥ ON/OFF switch

7.1.1 7-segment display

Four 7-segment displays are built into the circuit board of the dispenser to display words and numbers. For words and numbers containing more than four characters, the first four letters or digits are displayed first. After a short delay, the remaining letters of the word or digits of the number are displayed (each by shifting to the left).











Letters

The following table shows how the letters appear on the display:

Letter	Display	Letter	Display
A, a		N, n	
B, b		O, o	
C, c		P, p	
D, d		Q, q	
E, e		R, r	
F, f		S, s	
G, g		T, t	
H, h		U, u	
I, i		V, v	
J, j		W, w	
K, k		X, x	
L, l		Y, y	
M, m		Z, z	








Figures

The following table shows how the figures are shown on the display:

Figures	Display
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	

Characters

The following table shows how the characters are shown on the display:

Characters	Display
Space	
Full stop	
-	
—	
=	
/	
\	
"	

(, [[
),]]

7.1.2 Button

The parameters can be displayed and changed with the button. It can be turned clockwise (to the right) or counter-clockwise (to the left). By turning the button clockwise, the display changes continuously between the parameters.

The button performs the following functions:

- Press briefly (<1 second): saves the current value and returns to the parameter selection.
- Press for 1 second: resets the value to the last saved value.
- Press for 3 seconds: resets the value to the default value.

7.1.3 Status LEDs

LED	Description
Power	Green: ready for operation, rechargeable battery is full. Yellow: rechargeable battery level is low. Red: rechargeable battery is empty or backup mode activated. Flashes every 5 seconds when the 7-segment display is off.
Sensor	Lit up orange: sensor has detected an object. Flashing: delay time until the next spraying process
Error	Flashes 1 x: rechargeable battery is empty. Flashes 2 x: sensor is covered. Flashes 3 x: sensor fault

7.2 Opening “Settings” mode

The dispenser is switched off.

- Press and hold the button. At the same time, move the ON/OFF switch to the ON position.
- Release the button and wait until the testing pattern of the 7-segment display goes out.

The following is shown once on the display:

SEttings

You are now in “Settings” mode. When opened for the first time, the first parameter (amount) is displayed, followed by the currently selected parameter.

7.3 Parameters

The following table shows how the parameters are shown on the display:

Parameter display	Description
Amount	Amount
SEnSor	Sensor
dELAY	Delay
d iStAncE	Distance
StoP	Stop
d ISPLAY	Display
t inEout	Timeout
LANGuAGE	Language
!PunP!	Pump
rESEt	Reset
EXit	Exit

The parameters are described in detail below. For information on changing the values of the parameters, see page 32.

7.3.1 Amount

With this parameter you can set the spray amount of disinfectant in millilitres (ml).

Minimum value:	0.5 ml
Maximum value:	5.0 ml
Default value:	1.0 ml
Increment:	0.1 ml
Unit:	millilitre (ml)

7.3.2 Sensor

With this parameter you can change the sensitivity of the sensor. A higher sensitivity ensures that the sensor reacts faster and the disinfectant is sprayed sooner. Too high a sensitivity can cause a spraying process to be started unintentionally.

Minimum value:	1 (sensitivity very low)
Maximum value:	10 (sensitivity very high)
Default value:	8
Increment:	1

7.3.3 Distance

With this parameter you can adjust the maximum detection range of the sensor.

Minimum value:	5 cm
Maximum value:	15 cm
Default value:	15 cm
Increment:	5 cm
Unit:	centimetre (cm)

7.3.4 Delay

With this parameter you can set the delay or the time in seconds (s) that must elapse between two successive spraying processes. This prevents overdosing due to multiple discharges. You can set the following values:

Minimum value:	0.00 s
Maximum value:	3.00 s
Default value:	1.00 s

Increment: 0.25 s
Unit: Seconds (s)

7.3.5 Stop

With this parameter you can set whether the dispenser should stop spraying if the hand is prematurely removed from the sensor's detection range.

Values: No
Yes
Default value: Yes

7.3.6 Display

With this parameter you can set the display mode of the 7-segment display. This determines which information is shown on the 7-segment display.

Values: 0 ("current" > current count > "total" > total count)
1 ("current" > current count)
2 ("total" > total count)
3 (current count > total count)
4 (current count)
5 (total count)
Default value: 4 (current count)

7.3.7 Timeout

With this parameter you can set the time in seconds [s] after which the 7-segment display is switched off (power-saving mode). At "0" the 7-segment display is not deactivated.

Minimum value: 0
Maximum value: 90
Default value: 30
Increment: 30
Unit: Seconds (s)

7.3.8 Language

With this parameter you can set the language required for the displayed texts. You can set the following languages:

Values:	DE (German)
	EN (English)
Default value:	DE (German)

7.3.9 Pump

With this parameter you can manually fill the hose with disinfectant (see page 32).

7.4 Pumping disinfectant manually

To enable the spraying process, the hose must be filled with disinfectant. Before using the dispenser for the first time, the hose is empty. If the hose is not used for an extended period of time, it may lose disinfectant, e.g. through evaporation. The disinfectant can be pumped into the hose using the pump.

- Press the button for manual pumping on the dispenser and keep it pressed for as long as pumping is required.
- Alternatively, switch to “Settings” mode (see page 29).
- Select the PUMP parameter.
- Keep the button pressed while pumping.
- To stop the process, release the button.

7.5 Changing the parameter values

You are in “Settings” mode.

- Select the relevant parameter by turning the button (clockwise or counter-clockwise).
- Press the button briefly (<1 second).

The current value flashes on the display. The parameter can be configured. Refer to page 29 for the values.

- To decrease the value, turn the button to the left.
- To increase the value, turn the button to the right.
- To save the selected value, press the button briefly.
- To reset the saved value, press the button and hold it down for one second.
- Press the button briefly.

The display switches to parameter selection.

7.6 Exiting “Settings” mode

- In the parameter selection, select “EXIT”.
- Press the button briefly.

ⓘ Otherwise, the settings are exited if no entry is made for 60 seconds. In this case, the potentially adjusted value is not saved.

7.7 Resetting the settings to default

- In the parameter selection, select “RESET”.
- Press and hold the button.

The display shows NO.

- Turn the button to the right to YES and press and hold.

All settings are reset to the default values.

- To cancel the RESET process, turn the button to the left to NO and press it briefly.

8 Troubleshooting

Problem	Possible cause	Action
Error LED flashes once.	The rechargeable battery is empty.	<ul style="list-style-type: none"> Charge the rechargeable battery with the charger supplied.
Error LED flashes twice.	The sensor is dirty.	<ul style="list-style-type: none"> Make sure that the sensor optics are clean; clean them if necessary.
Error LED flashes three times.	The sensor plug has come loose.	<ul style="list-style-type: none"> Check the sensor plug and reinsert it into the socket if necessary.
	The sensor is defective.	<ul style="list-style-type: none"> Have the sensor replaced.
The dispenser cannot be switched on. The power LED does not light up green.	The ON/OFF switch is not in the ON position.	<ul style="list-style-type: none"> Slide the ON/OFF switch up to the ON position.
	The plug connection between the rechargeable battery and the circuit board is not connected or has come loose.	<ul style="list-style-type: none"> Check the rechargeable battery plug and insert it into the socket if necessary.
	The rechargeable battery is empty.	<ul style="list-style-type: none"> Charge the rechargeable battery; (see page 39).
	The rechargeable battery is defective.	<ul style="list-style-type: none"> Replace the rechargeable battery (12 V).
	The circuit board is defective.	<ul style="list-style-type: none"> Have the circuit board replaced.
The dispenser is not pumping disinfectant, even though the pump is running.	The canister is empty.	<ul style="list-style-type: none"> Insert in a new canister.
	The hoses have come loose.	<ul style="list-style-type: none"> Check the hoses and their connections.
	The spray can is clogged.	<ul style="list-style-type: none"> Clean underneath the spray can with a damp cloth.
	The filter is clogged.	<ul style="list-style-type: none"> Change the filter unit; (see page 44).

Problem	Possible cause	Action
	The filter unit has come loose causing the disinfectant to flow back into the canister.	<ul style="list-style-type: none"> • Insert the filter unit into the hose. Make sure that the arrow on the unit points in the direction of the hose.
	The filter unit is incorrectly installed causing it to block in the direction of suction.	<ul style="list-style-type: none"> • Make sure that the arrow on the filter unit points in the direction of the hose. • If necessary, pull the filter unit out of the hose, turn it around and put it back into the hose.
The dispenser is not delivering disinfectant. The pump is not activated.	The pump is not working properly.	<ul style="list-style-type: none"> • Test the function of the pump manually; (see page 32).
	The pump plugs have detached or become loose.	<ul style="list-style-type: none"> • Check the pump plugs and reinsert it into the socket if necessary.
	The pump is defective.	<ul style="list-style-type: none"> • If the pump does not switch on audibly during a spraying process and all the above measures have not remedied the problem, have the dispenser replaced.

Problem	Possible cause	Action
The dispenser discharges disinfectant without prompting.	The sensor is disrupted by the environment.	<ul style="list-style-type: none"> Reduce the detection range first; (see “Distance” parameter, page 30).
	The sensitivity of the sensor is too high.	<ul style="list-style-type: none"> If the problem persists, reduce the sensitivity of the sensor; (see page 30).
The settings will not open.	The dispenser is in operation mode.	<ul style="list-style-type: none"> Switch off the dispenser. Press and hold the button and turn the dispenser on again.
	The button is defective.	<ul style="list-style-type: none"> Replace the dispenser.
The 7-segment display shows nothing.	The dispenser is in power-saving mode.	<ul style="list-style-type: none"> To switch on the 7-segment display, turn the button.
	The 7-segment display is defective.	<p>Carry out a function test.</p> <ul style="list-style-type: none"> Switch off the dispenser. Press and hold the button while turning on the dispenser. <p>All elements of the 7-segment display and the 3 status LEDs (green, yellow and red) must light up briefly. The 7-segment display is defective if at least one of the status LEDs is not lit up.</p> <ul style="list-style-type: none"> In this case, have the dispenser replaced immediately.

Problem	Possible cause	Action
Too much or too little disinfectant is sprayed.	The amount is incorrectly set.	<ul style="list-style-type: none"> Adjust the amount; (see “Amount” parameter, page 30).
The dispenser does not spray a second time.	The delay between two sprays is too long.	<ul style="list-style-type: none"> Adjust the time; (see “Delay” parameter, page 30).
The dispenser interrupts the spraying process.	The hand leaves the detection area of the sensor while spraying is in progress.	<ul style="list-style-type: none"> Keep your hand within the detection range of the sensor during spraying or change the setting so that spraying is not interrupted; (see “Stop” parameter, page 31).
The sensor is not detecting a hand or the dispenser is not responding to requests.	Your hand is not in the detection range of the sensor.	<ul style="list-style-type: none"> Hold your hand in the detection range.
	The sensitivity of the sensor is too low.	<ul style="list-style-type: none"> Increase the sensitivity of the sensor; (see Sensor, page 30).
	The detection range of the sensor is too short.	<ul style="list-style-type: none"> Increase the distance; (see “Distance” parameter, page 30).
	The sensor is dirty; (the sensor LED is lit up continuously or the error LED flashes twice).	<ul style="list-style-type: none"> Make sure that the sensor optics are clean; clean them if necessary.
	The sensor plug has come loose; (error LED flashes three times).	<ul style="list-style-type: none"> Make sure that the sensor plug is inserted in the socket.
	The sensor is defective.	<ul style="list-style-type: none"> Have the dispenser replaced.

Problem	Possible cause	Action
Manual pumping is not working.	The settings are open and the “Pump” parameter is not selected.	<ul style="list-style-type: none"> • Make sure that the “Pump” parameter is selected.
	The manual pump button is defective.	<ul style="list-style-type: none"> • Have the dispenser replaced.
The cover of the product lowers.	The gas struts are defective.	<ul style="list-style-type: none"> • Change the gas struts; (see page 47).

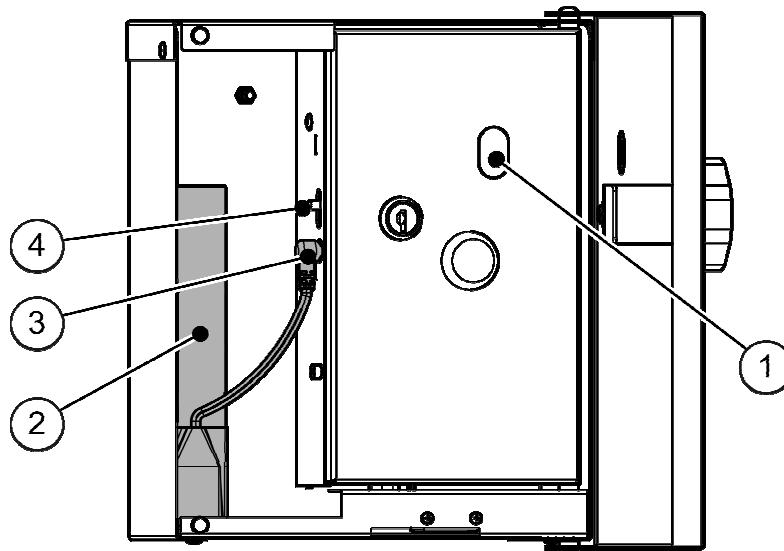
9 Charging the rechargeable battery

CAUTION!

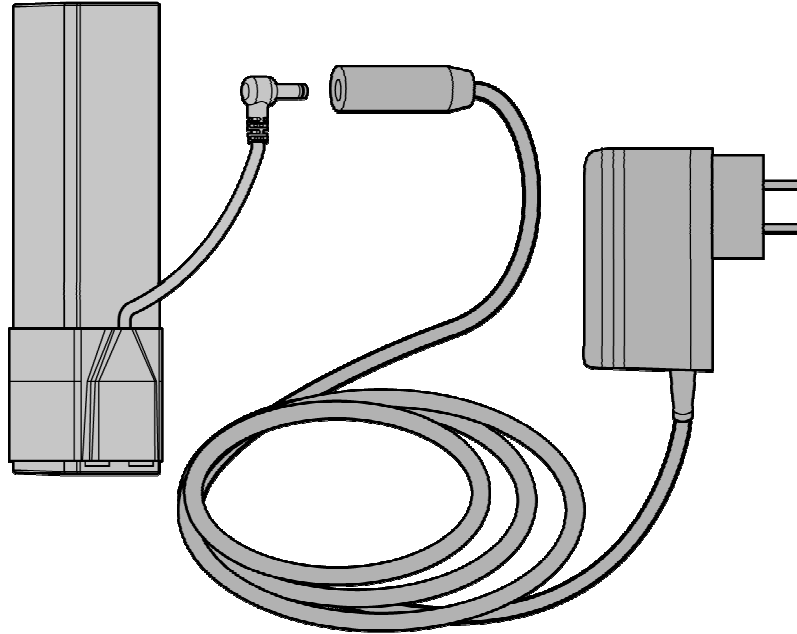
Damage to the rechargeable battery may occur due to deep discharge.

- Charge the rechargeable battery when the power LED on the circuit board lights up yellow during operation.

- When using the rechargeable battery for the first time, remove the protective cap for transport from the battery plug.
- Slide the ON/OFF switch (4) down to the OFF position.
The power LED goes out (1). The dispenser is switched off.
- Pull the plug (3) of the rechargeable battery out of the socket.
- Remove the rechargeable battery (2) from the holder.



- Insert the rechargeable battery plug into the connection socket of the charger.
- Connect the charger to a suitable socket (TYPE C or F).



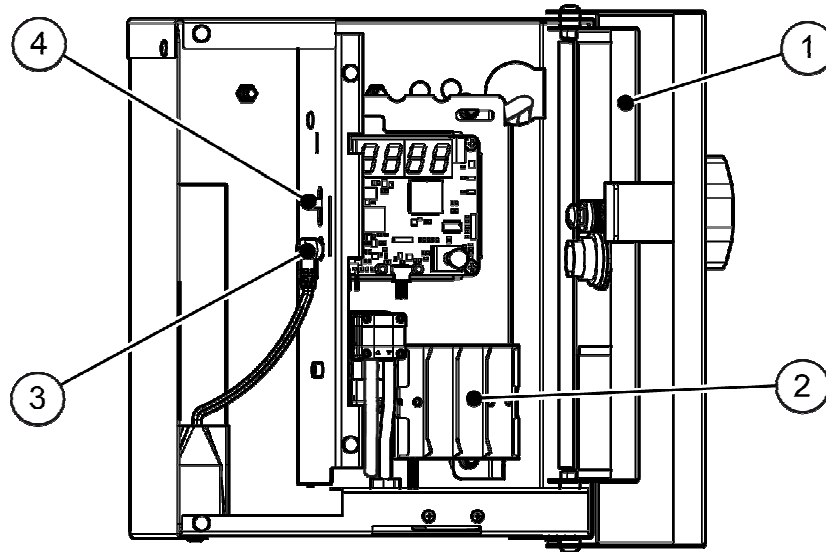
The charging process begins. The LED next to CHARGE lights up green.

The charging time is approx. 3.5 hours.

When the LED next to FULL lights up green, the charging process is complete. The LED next to CHARGE goes out.

10 Inserting backup batteries

- Slide the ON/OFF switch (4) down to the OFF position.
- Pull out the rechargeable battery plug (3).
- Open the service door (1) with the appropriate key.
- Insert the backup batteries in the battery holder (2). Make sure that the polarity is correct.
- Slide the ON/OFF switch (4) up to the ON position.



- i** Backup mode is only possible if the rechargeable battery is not connected.

11 Maintaining the product

11.1 Daily checks

- Make sure that the cover does not lower after opening. If the cover lowers, replace the dampers immediately; (see page 47).
- Make sure that the dispenser is in working order.
- Make sure that the hoses or connections are correctly fitted.
- Make sure that there is enough disinfectant in the canister.
- Check the disinfectant's shelf life. Observe the opening date and the disinfectant's safety data sheet or label.
- Check the compartment for paper towels and refill if necessary.
- Change the bin liner if necessary.



11.2 Product care

CAUTION!	
	<p>Damage to the product may occur due to incorrect cleaning.</p> <ul style="list-style-type: none"> ➤ Only use stainless steel cleaners with no abrasive ingredients on the stainless steel dispenser components. ➤ Never use spray water.

To ensure the dispenser functions correctly and due to recommendations for infection prevention and hygiene, make sure the dispenser is cleaned regularly and disinfected if necessary.

- Open the cover.
- Open the dispenser.
- Slide the ON/OFF switch down to the OFF position.
- Wipe all components of the dispenser from the outside to disinfect them, e.g. using disinfectant wipes. Observe the exposure time.
- Open the lower door.
- Remove the cap from the canister.
- Remove the hose and wipe underneath the cap with a lint-free disposable cloth or clean with hot water and dry.
- Clean the inside of the product with a damp cloth.

11.3 Changing the canister

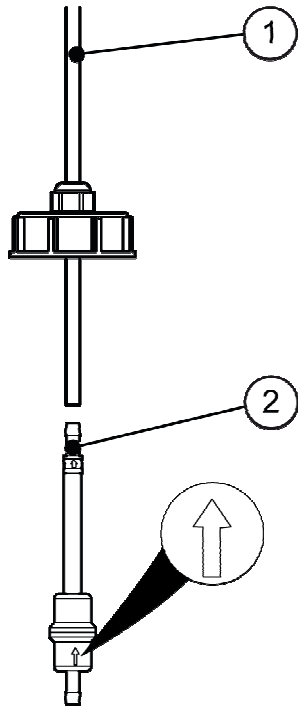
⚠ CAUTION	
	<p>Risk of eye injury due to contact with disinfectant.</p> <ul style="list-style-type: none"> ➤ Read and follow the information in the disinfectant manufacturer's safety data sheet. ➤ Wear safety goggles and protective gloves if required by the disinfectant manufacturer. ➤ Remove any spilled disinfectant.
⚠ CAUTION	
	<p>Risk of fire due to leaking disinfectant.</p> <ul style="list-style-type: none"> ➤ Only use the intended disinfectant. ➤ Ensure that the canister is replaced properly. ➤ Check the hoses and their connections before continuous operation.

- Slide the ON/OFF switch down to the OFF position.
- The power LED goes out. The dispenser is switched off.
- Open the lower door.
 - Carefully remove the empty canister. Be careful of the hose in the process.
 - Dispose of the remaining disinfectant properly.
 - Remove the cap from the empty canister. Protect the hose from contamination.
 - Unscrew the cap from the new canister and dispose of it.
 - Screw the cap with the mounted hose onto the new canister and insert the canister.
 - Close the lower door.
 - Slide the ON/OFF switch up to the ON position.
 - Press and hold the manual pump button until the disinfectant comes out of the spray nozzle.


The dispenser is ready for operation again.

11.4 Changing the filter unit

- Make sure that the dispenser is switched off.
- Remove the cap from the canister.
- Remove the old filter unit. To do this, pull the filter unit out of the hose.
- Insert the new filter unit (2) into the hose (1). Make sure that the arrow points in the direction of the hose.



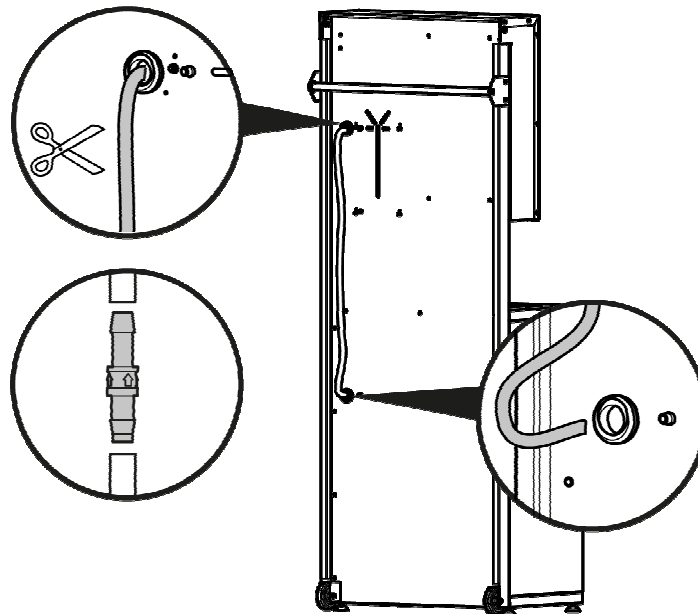
11.5 Changing the hose

⚠ CAUTION	
	<p>Risk of eye injury due to contact with disinfectant.</p> <ul style="list-style-type: none"> ➤ Read and follow the information in the disinfectant manufacturer's safety data sheet. ➤ Wear safety goggles and protective gloves if required by the disinfectant manufacturer. ➤ Remove any spilled disinfectant.

- Make sure that the dispenser is switched off.
- Make sure that the canister has been removed.
- Remove the cap from the hose.
- Undo the screws on the front of the cover; (see page 48).
- Remove the cover.
- Cut the hose off close to the upper rubber grommet.

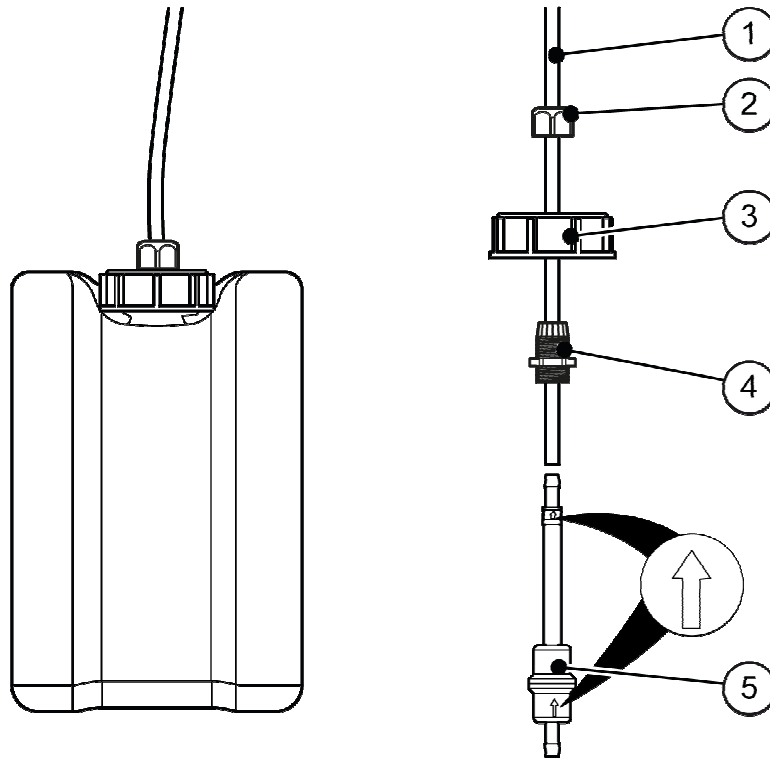
The end of the hose must be long enough to accommodate the hose connector.

- Remove the old hose and dispose of it properly.
- Connect the new hose and the hose end with the hose connector.
- Feed the other end of the hose inside through the lower rubber grommet.



- Open the lower door.
- Remove the cap from the full canister.
- Slide the union nut (2), the cap (3) and the clamping piece (4) over the hose (1).

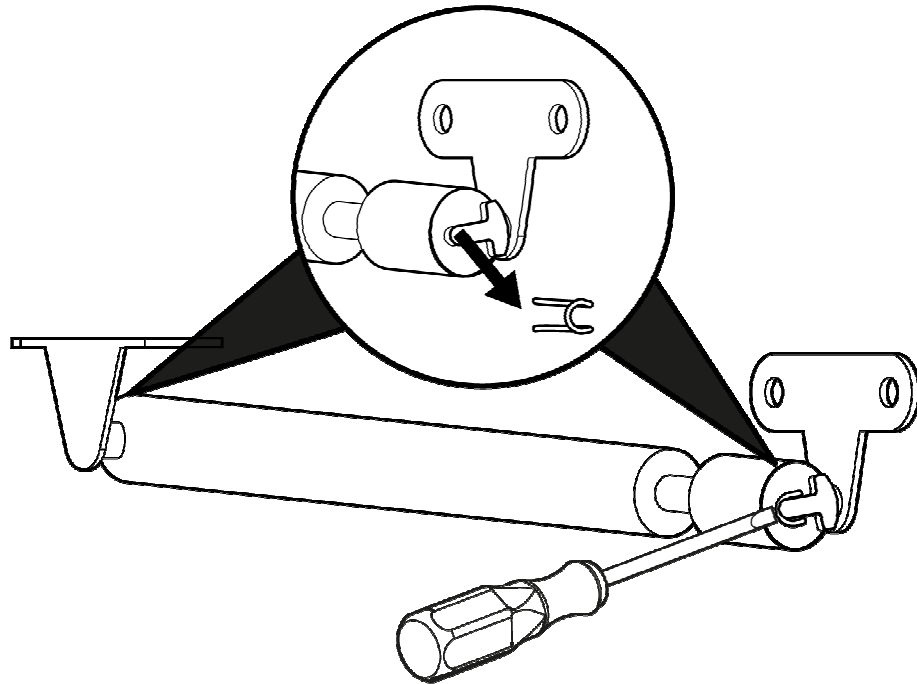
- Connect the filter unit (5) to the hose. Make sure that the flow direction is correct.
- Screw the union nut (2) onto the clamping piece (4).
- Push the cap (3) over the hose (1) so that the end of the hose ends just above the bottom of the canister after assembly.
- Tighten the union nut (2) firmly.
- Close the canister tightly with the cap (3).



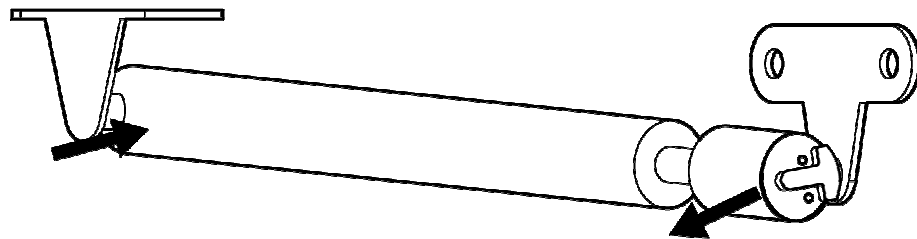
- Insert the canister.

11.6 Changing the gas strut

- Open the cover.
- Secure the cover to stop it falling off.
- Remove the clip on both sides of the gas strut with a screwdriver.



- Remove the gas strut.



- Place the new gas strut on the ball heads of the holder and press on.
- Close the cover.

12 After use

12.1 Decommissioning the product

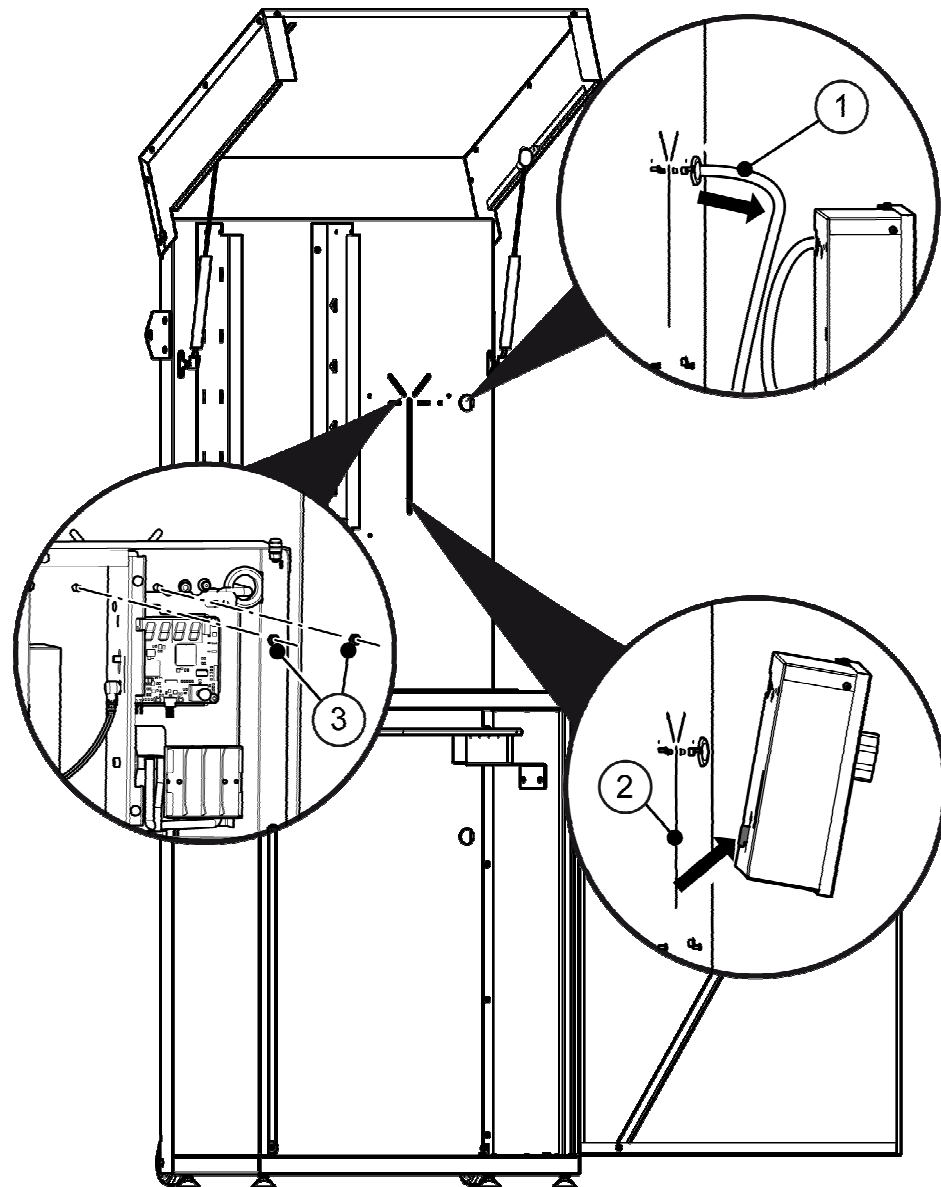
- When not in use for an extended period of time, slide the ON/OFF switch down to the OFF position.

The power LED goes out. The dispenser is switched off.

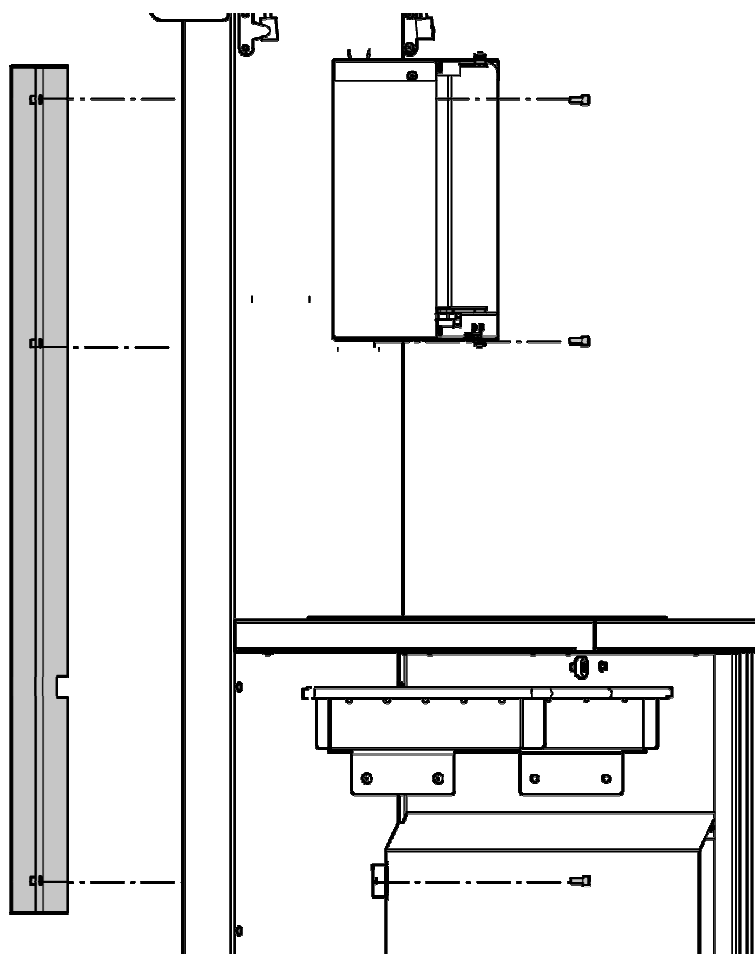
- Remove the canister. At the same time, remove the cap with hose screw connection.
- Close the canister with the original cap.
- Empty the hose. To do this, press the button for manual pumping.
- Collect the disinfectant with a bucket or paper towels.
- Clean the product components; (see 42).

12.2 Dismantling the product

- Remove the canister.
- Close the canister with the original cap.
- Empty the hose. To do this, press the button for manual pumping.
- Collect the disinfectant with a bucket or paper towels.
- Remove any spilled disinfectant.
- Undo the nuts (3) in the dispenser.
- Detach the dispenser (2).
- Remove the dispenser with the hose (1).
- Completely expose the hose, remove the cap and filter.
- Remove the mounting plate.



- Remove the cover for the hose.
- Remove the cover for the canister.



12.3 Disposing of the product

The packaging material is recyclable.

- Dispose of the packaging material in an environmentally friendly manner at the end of its service life.



Electrical and electronic equipment marked with this symbol must not be disposed of together with household waste. The equipment may contain hazardous substances and substances that are harmful to the environment.

- Dispose of the product in accordance with the regulations in force at the place of use.
- Contact the manufacturer or local authorities for more information.

13 Technical data

Hygiene station	
Dimensions (H x Wx D)	1650 x 600 x 455 mm
Material	Galvanised powder-coated steel
Weight without disinfectant and accessories	Approx. 56 kg
Compartment for paper hand towels	Max. 1500 sheets

Dispenser	
Dimensions (H x Wx D)	272.5 x 224 x 110 mm
Material	Stainless steel
Weight	Approx. 5 kg
Dosing pump	Plastic/stainless steel
Operation	Touch-free
Operating temperature	Room temperature
Power supply	Rechargeable battery (12 V) Charging time approx. 3.5 hours Backup batteries 4x AA for emergencies and the rechargeable battery charging time
Disinfectant	5 litres (canister with RD51-UN screw cap DIN 51) All approved and listed liquid DGHM/VAH and RKI disinfectants based on ethanol, 1-propanol and 2-propanol (not gel or foam) with no chlorine or acid

14 Accessories

Designation	Order number
"No chlorine or acids" label	7580004089089
Gas strut, silver	4088009426589
Filter unit	4088009549001
Supply hose including canister cap (canister sealing cap)	4088009509001
Rechargeable battery 12 V, 2.6 Ah with connecting cable	4088009519001
Rechargeable battery charger	4088009529001
Key suitable for cylinder lock for hygienic protection	4088009049089

15 Customer service

- If there are any problems with our product, first contact our customer service (see page58).
- In case of repair, send the product to the following address.

J.D. Geck GmbH
Gielster Stück 5
58513 Lüdenscheid
Germany

16 Warranty

The product is checked by J.D. Geck GmbH with great care and undergoes a final inspection before delivery. If, despite all this, there is reason for complaint, our procedure is as follows:

Unless otherwise contractually agreed, the warranty period shall commence on the date of delivery and end after 24 months. The established defects are to be reported to J.D. Geck GmbH no later than 14 days after their discovery using the filled in Geck return form.

The warranty covers defects that are demonstrably due to material or manufacturing defects. The costs incurred by rectifying faults, as well as associated transport and installation costs, shall be borne by J.D. Geck GmbH. Further claims are excluded.

Defective parts that are replaced shall revert to the property of J.D. Geck GmbH. However, these repairs shall not constitute the restart of the warranty period for the entire product. Any repairs or services are to be carried out by J.D. Geck GmbH or a specialist company authorised by Geck. In case of non-observance, full warranty cannot be provided.

In case of non-observance of the instructions for use, unsuitable or improper use, faulty assembly (by third parties) or damage caused by third-party action, there shall be no entitlement to claim under the warranty.

17 EC/EU Declaration of Conformity

Geck®

EC/EU Declaration of Conformity

Manufacturer: J.D. Geck GmbH
Grünewiese 28, 58762 Altena, Germany

Product: Hygiene station
Type: SensorTouch L

The manufacturer declares in sole responsibility that the product complies with the relevant harmonisation provisions of the following directives:

- Machinery Directive 2006/42/EU (Official Journal of the EU L 157/24 of 09/06/2006)
- Electromagnetic Compatibility (EMC) Directive 2014/30/ EU (Official Journal of the EU L 96/79 of 29/03/2014)

The following harmonised standards have been applied:

- EN ISO 12100:2010-11 Safety of machinery – General design guidelines – Risk assessment and risk reduction
- EN 61000-6-3:2007 + A1:2011 Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments
- EN 61000-6-2:2005 Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity and industrial field

Name and address of the person authorised to compile the technical file:

J.D. Geck GmbH, Grünewiese 28, 58762 Altena, Germany
Phone: +49 2352 542-0, e-mail: geck@geck.de

Altena, 8 November 2021



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Managing Director

Manufacturer's address

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E-Mail: geck@geck.de

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