

aquama®

FREEDOM S®

GÉNÉRATEUR DE SOLUTION DÉTERGENTE ET DÉSINFECTANTE, 100 % BIODÉGRADABLE
CLEANING & DISINFECTANT SOLUTION GENERATOR, 100 % BIODEGRADABLE
REINIGUNGS- UND DESINFEKTIONS-LÖSUNGS-GENERATOR, 100 % BIOLOGISCH ABBAUBAR



aquama[®] 

FREEDOM S[®]



MODE D'EMPLOI

AQUAMA[®] FREEDOM S[®]

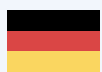
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INSTRUCTION MANUAL

AQUAMA[®] FREEDOM S[®]

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aquama®

The Principle of Manufacturing aquama® Indigo® Solution

Fill your spray with water and salt, press the power button to convert tap water into a safe, efficient, non-toxic aquama® Indigo® disinfectant solution in only 3 minutes.



Product Features:

- Purity of Quality. Using aquama® Indigo® Salt and tap water as raw materials, no other impurities are produced.
- Quickly made in 3 minutes. Aquama® Indigo® disinfectant solution kills all kinds of microorganisms including Candida albicans, Staphylococcus aureus, Escherichia coli, Poliovirus (polio) and Coronavirus.
- Convenient and efficient household cleaning and disinfectant product.
- Safe, environmentally friendly aquama® Indigo® disinfectant solution generator produces a concentration up to 1500 ppm, which fully meets the disinfection requirements and is very safe for users. Vaporizing and evaporation of the solution does not create any harmful residue rinsing, no environmental hazards.
- aquama® Indigo® disinfectant solution can be widely used in human health care including food, clothing, housing and transport fields, as well as on the hands.
- Easy to Use. One-key operation, portable USB cable charging and continuous spray.



Virucidal procedure:

For a virucide solution, pour 2 spoons of salt (2gr) in 200ml of water and proceed to 4 activations.

Reactivate the solution every day.

This procedure guarantees the EN 14476 and EN 14476+A2 (hand disinfection) certification.



The cleaning and disinfectant solution generator is controlled by microcomputer. Using readily available aquama® Indigo® Salt and tap water as raw materials. It only takes 3 minutes to produce efficient, safe and non-toxic sodium hypochlorite antibacterial disinfectant conveniently and quickly. You don't have to worry about the health risks of using disinfectant any more.

A CLEANING AND DISINFECTANT SOLUTION GENERATOR FOR VARIOUS PURPOSES

Portable device - Easily produce cleaning and disinfectant solution. It only needs tap water, aquama® Indigo® Salt and a press of the power button to produce a safe, efficient, non-toxic cleaning and disinfectant solution.



1 spoon of salt (1gr)



One key operation



Little amount of water (200ml)



Kitchen cleaning & disinfection

- > Disinfection of kitchen sanitary appliance, utensils, ceramic wall tiles, floor and floor drain; cleaning and disinfection of tableware, tea sets, milk bottles and nipples.



Laundry cleaning & disinfection

- > Disinfection and bleaching of household textiles, clothing and other textiles. (CAUTION! Test a small area in advance.)



Fruits and vegetables cleaning

- > Easy decomposition of pesticide residues on the surface, the fruits and vegetables will become fresh and tender.



Household cleaning & disinfection

- > Cleaning and disinfection of home furniture, telephone and toys (Except for non-galvanized metal). Pet Disinfection and Cleaning: pet disinfection, cleaning, odor elimination, sterilization and cleaning of pets. Rinse after use.



Medical

- > Disinfection of soiled medical instruments in 15 min.
- > Disinfection of medical surfaces: EN 13727, EN 14476, EN 1276, EN 1650.
- Hand disinfection: EN 14476+A2.
- (Labo certified by DAKKS Die Deutsche Akkreditierungsstelle GmbH).

VIRUSES AND BACTERIA ARE **EVERYWHERE**

**Industrial wax,
pesticide residues**



Flooring, furnitures



Pet products



Flu bacteria



FREEDOM S® CLEANING
& DISINFECTING SOLUTION GENERATOR
KEEPS YOUR HOME CLEANER!



Home sterilization - Vegetable and fruit cleaning - Hands disinfection.

> EFFECTIVE KILLING OF **99.99% OF BACTERIA**

> EFFECTIVE **ON CORONAVIRUS**

validated by the Federal Office of Public Health.

Before disinfection



After disinfection



The aquama® Indigo® solution produced by the self-made disinfectant spray is a strong oxidant. It has a strong bactericidal efficacy.

SAFE DISINFECTION ANYWHERE, ANYTIME AND PORTABLE!

Tap water, mineral water, purified water, distilled water and so on, all can be electrolyzed!
In transport, gym, kitchen, office... all can be disinfected!



Transport



Gym

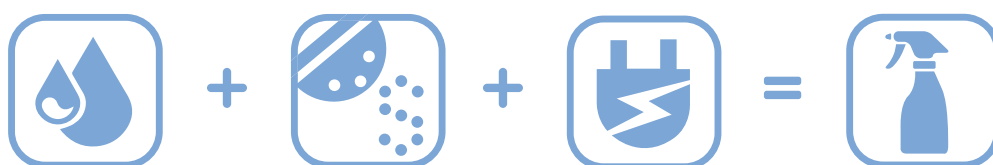
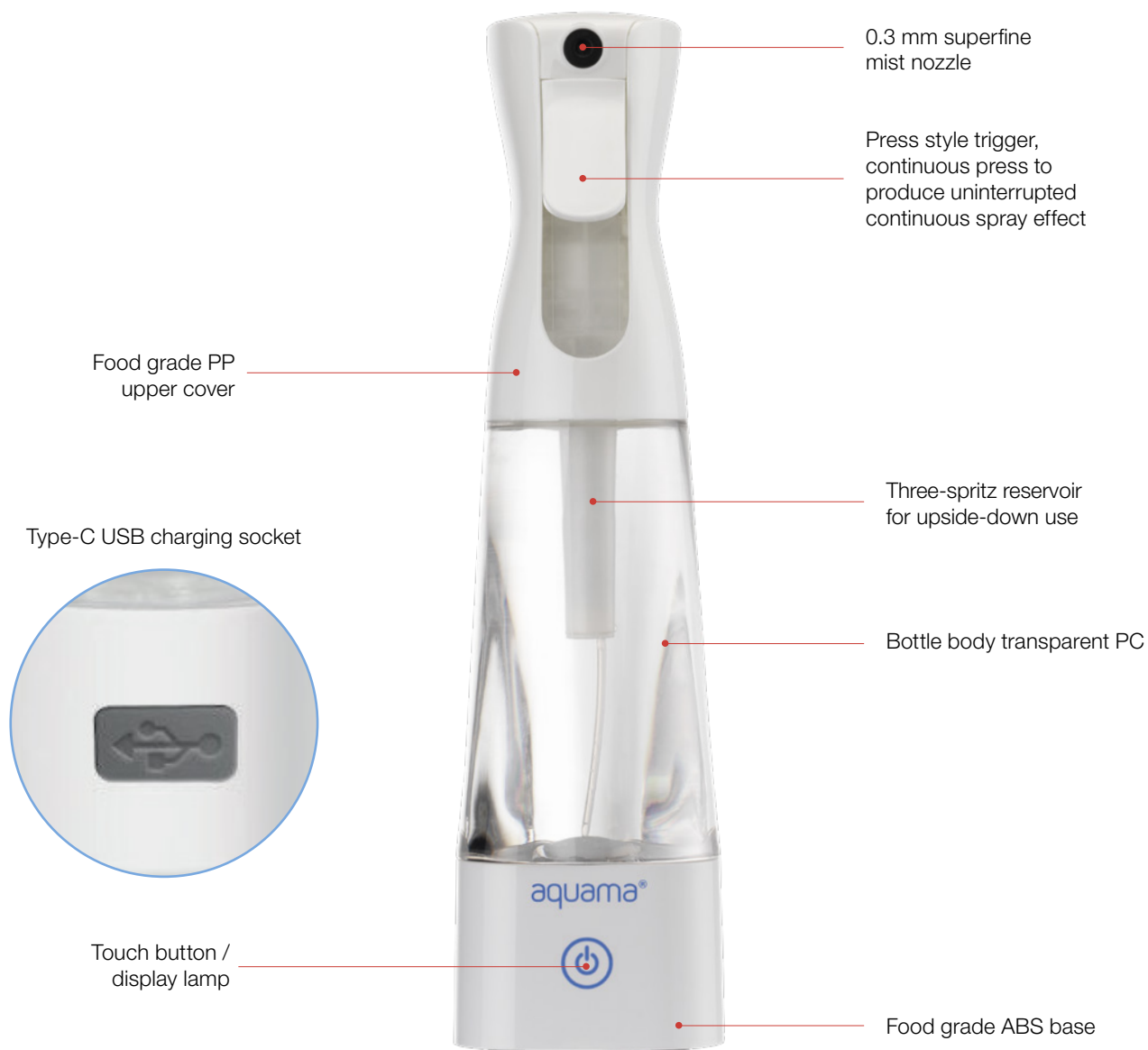


Kitchen



Office

STRUCTURE OF CLEANING & DISINFECTING SOLUTION GENERATOR



CLEANING & DISINFECTANT SOLUTION GENERATOR ACCESSORIES

Cleaning & Disinfectant Solution Generator



Instruction Manual



USB Cable



Spoon



aquama® Indigo® Salt



PRODUCT SPECIFICATIONS

ITEM	CONTENT
Name / Model	Freedom S® / ALH-905
Dimensions / Weight / Volume	(D) 70mm x 264mm (H) / 315g / 200ml
Charging time	First charge for 4 hours, Charge for about 2-3 hours usually
Power consumption	6.5W (Working) / 5W (Charging)
Voltage / Current	DC 5V 1A
Working times	When fully charged, works more than 15 times, 3 minutes each time.

INSTRUCTION FOR USE

Operating steps (bactericide procedure)

1. Open the spray head.
2. Pour 200ml of tap water (drinkable according to regions/countries - max 250ml).
3. Pour 1gr of salt with the spoon provided.
4. Close the spray head. Shake 4~5 times to make the salt fully dissolved.
5. Lightly touch the power switch for 3 seconds and wait for the blue light to be on.
6. The spray starts to work with a “beep” sound, the electrode starts to bubble (salt water in it) after getting electricity. The solution is ready after 3 minutes when the blue light switches off.
7. Don't press the switch during aquama® Indigo® solution producing to avoid affecting the quality of aquama® Indigo® solution disinfection water.
8. The system shuts down automatically after 3 minutes.

Best way to use

Use directly when the cleaning & disinfecting solution generator stopped to produce aquama® Indigo® solution (the blue light turns off). It is not recommended to keep it for a long time (standards are not met). Press three times on the spray head trigger to fill the reservoir, than turn the spray bottle upside-down for dispensing.

Virucidal procedure:

For a virucide solution, pour 2 spoons of aquama® Indigo® Salt (2 gr) in 200ml of water and proceed to 4 activations. Reactivate the solution every day. This procedure guarantees the EN 14476 and EN 14476+A2 (hand disinfection) certification.

Light indication

- When the device is working, the blue LED light is on.
- When charging, the red light is on.
- When charging is completed, the green light is on. The device can be used normally.

Check battery status

- Batteries have no electricity: blue LED lights are not bright, indicating that batteries have no electricity.
- Low capacity battery: In the process of aquama® Indigo® solution disinfectant production, if the red lights are on or the red light flashes, it means that the aquama® Indigo® solution generator battery is low. When the power is less than 25%, it indicates that the device needs to be charged in time.

Cleaning

- The bottle body can be removed and washed directly with clean water.
- Wash regularly with vinegar as soon as a film appears on the membrane.

MATTERS THAT **NEED ATTENTION**

1. To charge the base, do not plug the USB cable into a socket strip; exclusively use a 5V charger plug.
2. There may be water drops on the inside of the spray when you take out the bottle for the first time, which is the result of test before delivery from the factory and does not indicate that it has been used by others.
3. Don't place the spray base into the water when cleaning. Do not clean the spray in water, and don't put the spray near the fire source or microwave oven to avoid danger. Do not put the spray in the kettle, electric cooker, water bottle etc for heating.
4. Don't pour water of temperature over 40°C into the spray, so as not to damage the electrolysis components, affect aquama® Indigo® solution disinfectant solution production!
5. aquama® Indigo® disinfectant solution produced by this machine is for external use. It should not be taken for oral administration and must not be easily accessible to children.
6. Micro amounts of hydrogen will be produced during the manufacturing of disinfectant. Try to place the equipment in a well-ventilated and as little dusty as possible place.
7. In the process of making disinfectant, don't perform other operations, so as to avoid damage to the equipment.
8. In the manufacturing process, yellow willow flocculent precipitation may occur in the solution as a normal phenomenon, because the water contains iron.
9. Once disinfectant manufactured, please use the disinfectant in time, otherwise the concentration of disinfectant will decrease due to the influence of sunshine and temperature. For professional use: use the solution during the production day. Cannot be stored (standards are not met).
10. The manufactured disinfectant should be used on the spot as far as possible. Unused disinfectant surplus can be drained off or should be poured in plastic bottles, protected from light for a short period of time. Activate the solution every 7 days or once a day for a virucidal solution (without adding salt).
11. aquama® Indigo® disinfectant solution can be corrosive to metals (not galvanized). The higher the concentration, the stronger the oxidative corrosiveness.
12. For fabrics, the concentration of disinfectant should not exceed 200 mg/L for color clothing disinfection. Silk products are banned.
13. aquama® solution has not been tested with concentrations above 2000 ppm (virucide in dirty conditions). Please comply with the safety data sheet at www.aquama.com.
14. When using disinfectant, we should not pour it in metal container, in order to prevent corrosion, and use plastic containers instead for best storage of the disinfectant.
15. The Freedom S® is covered under warranty, except for issues resulting from mishandling or failure to follow precautions in use. If the instructions for use are followed, your aquama® Freedom S® is covered under warranty for a period of 2 years. Contact your local distributor (country) or visit www.aquama.com for more information. Only persons authorised by aquama® may carry out maintenance on the machine.
16. Please refer to this manual for instructions before using.