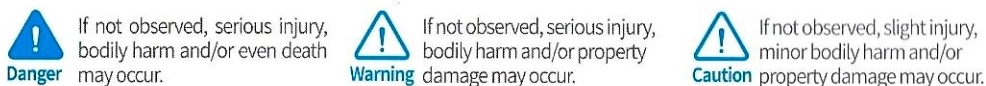



## PRECAUTIONS

- Please read all precautions carefully to prevent any potential dangers and/or damages. Precautions are divided into three types depending on the degree of potential danger/damage.








 This symbol is used to notify the dangers caused by improper use.

### Precautions for installation

- |  |   |   |   |
|--|---|---|---|
| <br><b>Danger</b>    | <b>DO NOT</b> install the product under direct sunlight and avoid high heat areas.<br>► Failure to do so can cause a deformation of the product exterior. | <br><b>Caution</b>   | <b>Place</b> the product on a flat and hard surface.<br>► Failure to do so can cause a malfunction.   |
| <br><b>Caution</b> | The product must be at least 10 cm away from the wall to allow for proper ventilation.<br>► Failure to do so can cause a malfunction.                     | <br><b>Danger</b>  | <b>DO NOT</b> install the product in moist or wet environment, such as bathroom, shower rooms and/or outdoors.<br>► Failure to do so can cause a fire and/or an electric shock. |
| <br><b>Caution</b> | Connect the terminal of adapter to the connector on the bottom of the base and fix the wire to the holder.<br>► Failure to do so can cause a malfunction. | <br><b>Caution</b> | <b>DO NOT</b> install the product in severe and extreme temperatures.<br>► Failure to do so can cause a deformation of the product exterior and a malfunction.                  |

## PRECAUTIONS

### Precautions for power supply

- |  |   |  |  |
|--|---|--|--|
| <br><b>Danger</b> | <b>DO NOT</b> bend, tie or pull the power plug.<br>► Failure to do so can cause a fire and/or an electric shock.                        | <br><b>Danger</b> | <b>Clean</b> the power plug before use by wiping off any dust and/or foreign particles.<br>► Failure to do so can cause a fire or an electric shock. |
| <br><b>Danger</b> | <b>DO NOT</b> modify or disassemble the adapter and/or the power plug.<br>► Failure to do so can cause a fire and/or an electric shock. | <br><b>Danger</b> | <b>DO NOT</b> connect too many power plugs into one outlet.<br>► Failure to do so can cause a fire.  |
| <br><b>Danger</b> | <b>DO NOT</b> plug and unplug the power plug with wet hands.<br>► Failure to do so can cause an electric shock.                         |  |  |

## PRECAUTIONS

### Precautions for Use



Danger

If you use the spray bottle upside down, water leaks can occur through the gas-ventilation hole in the spray bottle.

- ▶ This is not a product defect and if there are water leaks, please disassemble the spray head and the spray bottle. After that, please use the product after removing the moisture on the spray head and the spray bottle.



Danger

When you pour the water to the spray bottle or the pitcher, please do not pour the water over the maximum water level.

- ▶ If you fill the water above the maximum water level, this may cause microbubble to overflow, which is generated while operating the product.



Danger

When assembling the spray bottle with the electrode module, please make sure the spray is placed on the right side of the electrode module.

- ▶ The triangle on the spray bottle should be placed between two dots on the electrode module. Failure to do so can cause water leakage.



Danger

DO NOT generate the electrolyzed water two times in a row.

- ▶ Failure to do so can cause a fire or an electric shock.



Danger

DO NOT apply unnecessary force when using the product.

- ▶ Failure to do so can cause a malfunction and/or an electric shock.



Danger

Please keep it out of the reach from children.

- ▶ It can be dangerous for children.



Caution

DO NOT insert sharp wires and/or screwdrivers into the base and/or the spray bottle.

- ▶ Failure to do so can cause a malfunction and/or an electric shock.



Caution

When you spray the electrolyzed water to a fabric, leather, or metal, please be careful.

- ▶ It may cause a deformation.



Danger

DO NOT use Benzene or gasoline when cleaning the product.

- ▶ Failure to do so can cause discoloring, peeling and/or damage to the exterior of the product.



Danger

If you would not use the product more than two days, please unplug and empty the water in the spray bottle and dry it up. And when you use the product again, please rinse out the spray bottle one time.

- ▶ Failure to do so can cause a fire and a malfunction of the Electrode.

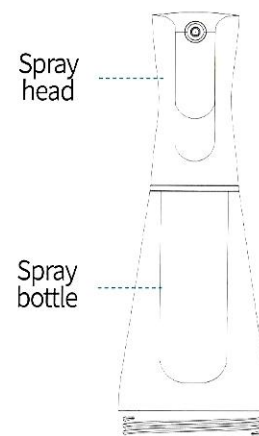


Danger

Please use the product in well-ventilated areas because a slight smell of disinfectant can occur, which can be harmful to a human body.

## NAME OF PARTS

### Spray(WCE-200)



Spray head

Spray bottle



Refined Salt(70g)

Measuring Spoon

### Base

Connecting terminal

Spray bottle LED

Display(power, mode)

### Adapter



AC/DC Adapter

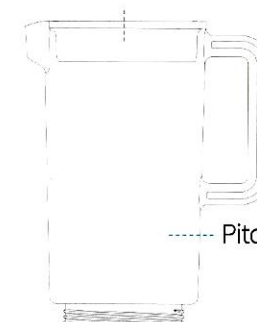
### Electrode module.



RUHENS

### Pitcher(WCE-210)

Lid of Pitcher



Pitcher

※ The pitcher is not included. (available separately)

## Definition

### ◆ Electrolysis

Electrolysis is a technique that the passing of a direct electric current(DC) through an ionic substance that is dissolved in a solvent to effect chemical reactions.

### ◆ Main effects of the Electrolyzed Water Generator

- ① Deodorizing effect that removes fish smells, food waste and pet odors.
- ② Cleaning effect that removes pesticide components such as diazinon.
- ③ Sterilizing effect that gets rid of bacteria such as Escherichia, Salmonella, and Pseudomonas aeruginosa.

### ◆ Electrolyzed Water

Electrolyzed water is produced by the electrolysis of ordinary tap water containing dissolved the sodium chloride.

### ◆ Function

It can be used for the deodorization, cleaning, and sterilization of home, hospital, school, vehicle and gym.

## Features

It can be used for the deodorization, cleaning, and sterilization of home, hospital, school, vehicle and gym.

### ◆ Verified Electrolysis Technology

It generates a electrolyzed water by the microbubble technology with functions of the deodorization, cleaning and sterilization.

### ◆ 3 steps for the classified usage

- Deodorizing(LOW) mode: to remove odors with low concentration of the electrolyzed water.
- Cleaning(MID) mode: to clean something with medium concentration of the electrolyzed water.
- Sterilizing(HIGH) mode: to sterilize and disinfect with high concentration of the electrolyzed water.

### ◆ Smart Control Technology

To prevent the generation of high-density electrolyzed water, the over-current detection control system is adapted to ensure the generation of safe electrolyzed water at all times. In order to maintain the safe level of sterilized water concentration, it automatically turns off the power when the electrolyzed water reached a concentration 200 ppm.

### ◆ Use mega mesh triple layered electrodes.

With the triple layered mega-size electrode, it can generate high efficient electrolyzed water.

### ◆ Fine mist injection spray

Semi-automatic spray makes it easier to use and the fine mist from the spray makes it more effective at deodorizing, cleaning and sterilizing.

### ◆ Generate high-capacity electrolyzed water

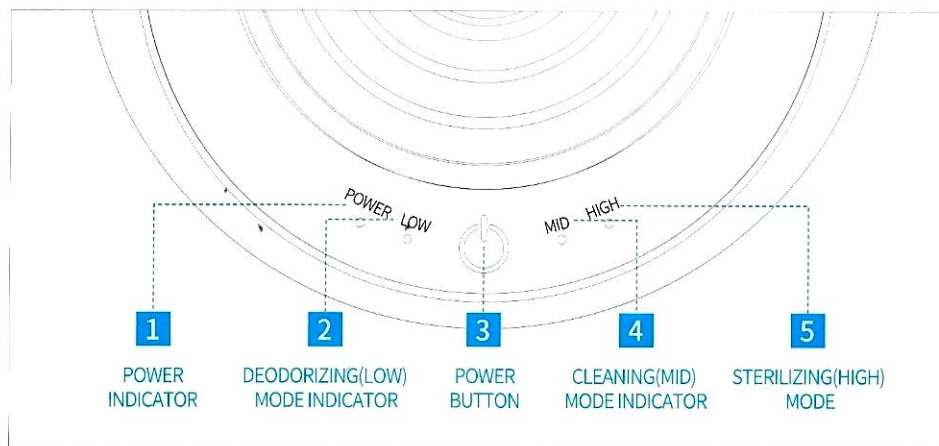
450 ml spray and 1.25 l pitcher enable to generate high capacity of the electrolyzed water.

### ◆ Convenient and hygienic structure

The electrode module can be disassembled that allows to clean the inside of the spray bottle easily.



## Operation/Indication



### 1. POWER INDICATOR

Indicating the state of the power.

### 2. DEODORIZING(LOW) MODE INDICATOR Operating for 1 minute

flickers during generating the electrolyzed water and the LED is turned on when the electrolyzed water for deodorization is ready to use. After that, the LED is turned off when the product goes to standby mode.

### 3. POWER BUTTON

Touch the button to set the operation and change the mode.

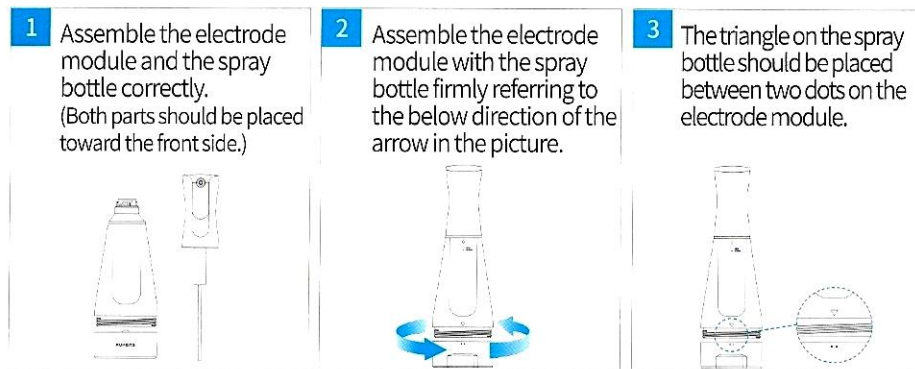
### 4. CLEANING(MID) MODE INDICATOR Operating for 3 minute

flickers during generating the electrolyzed water and the LED is turned on when the electrolyzed water for cleaning is ready to use. After that, the LED is turned off when the product goes to standby mode.

### 5. STERILIZING(HIGH) MODE Operating for 5 minute

flickers during generating the electrolyzed water and the LED is turned on when the electrolyzed water for sterilization is ready to use. After that, the LED is turned off when the product goes to standby mode.

## How to assemble the spray bottle with the electrode module



※ If they are not assembled correctly, it may cause water leakage.  
※ Please assemble the pitcher with the electrode module as same way as the above instructions for the spray bottle.

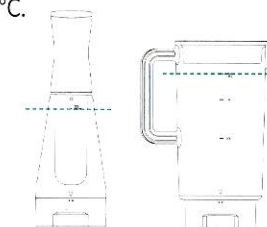
## How to fill the water in the spray bottle/pitcher

### 1. Fill the spray bottle/pitcher with the tap water below 35 °C.

※ Do not allow the water to exceed the maximum water line.

### 2. Wipe the water on the exterior of the spray bottle/pitcher with a soft cloth.

※ Caution : If you fill the water above the maximum water level, this may cause the microbubble to overflow when in operation.



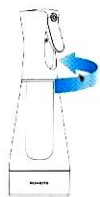
## How to assemble the base with the spray bottle

1. Connect the AC adapter to the power connector on the bottom of the base and fix the wire to the holder.
2. Put the assembled spray bottle on the base and operate the electrolyzed water generator.

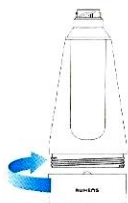


## How to Disassemble

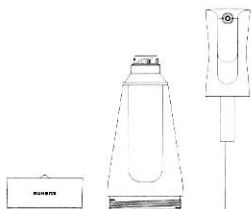
- 1** Disassemble the spray head by turning it counterclockwise.



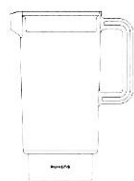
- 2** Disassemble the electrode module by turning it clockwise.



- 3** The picture below shows the state which is disassembled into three parts.



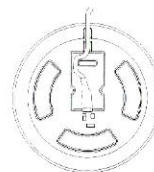
- 4** Disassemble the pitcher as same way as the spray bottle. It is disassembled as the bottle of the pitcher, pitcher lid, and electrode module.



※ The pitcher is not included. (available separately)

※ Please read this instruction thoroughly before use.

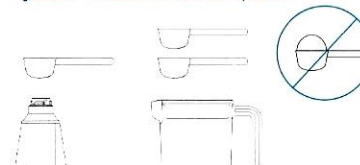
- 1** Connect the AC adapter to the power connector on the bottom of the base and fix the wire to the holder.



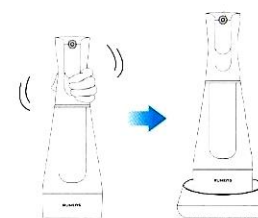
- 2** **Spray bottle** Fill the spray bottle with 450 ml of tap water.  
**Pitcher** Fill the Pitcher with 1.25 l of tap water.  
※ Wipe the water on the exterior of the spray bottle/pitcher with a soft cloth. Failure to do so can cause a malfunction.



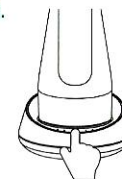
- 3** If you want to add refined salt, please get right amount of one teaspoon for spray bottle, and two teaspoon for pitcher.  
※ Get appropriate quantity of refined salt just for the size of the teaspoon.



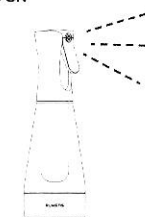
- 4** Shake the spray bottle/pitcher to be dissolved and put it on the base.



- 5** Touch the Power button to select the desired mode.  
※ The process of generating the electrolyzed water starts in 3 seconds after selecting the mode.



- 6** Spray the electrolyzed water after the process of generating the electrolyzed water is over.





※ Please read this instruction thoroughly before use.

## 1. Initial Power on status

- 1) In case of connecting the product to an electrical power supply without the spray bottle, the power saving mode is set after all LEDs flicker two times with "Beep" sound.
- 2) In case of connecting the product to an electrical power supply when the spray bottle is on the base, The power saving mode is set as all LED lights are turned off.  
If you touch the power button for 1 second or take out the spray bottle from the base and put it on the base again, the standby mode is set.
- 3) If there is no spray bottle on the base or the spray bottle is empty, the product is not operated.

## 2. Selecting the mode

Touch the power button in the standby mode to select the desired mode below.

### 1) DEODORIZING(LOW) MODE 1 minute / a lower concentrated electrolyzed water

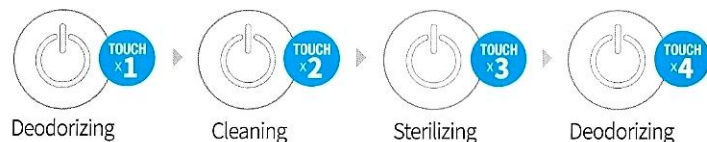
In the standby mode, touch the "POWER" button one time to select the Deodorizing(LOW) mode. Then, the "LOW" LED light will illuminate on with "Beep" sound and the electrolyzed water will be generated for 1 minute.

### 2) CLEANING(MID) MODE 3 minutes / a medium concentrated electrolyzed water

In the standby mode, touch the "POWER" button two times to select the cleaning(MID) mode. Then, the "MID" LED light will illuminate on with "Beep" sound and the electrolyzed water will be generated for 3 minutes.

### 3) STERILIZING(HIGH) MODE 5 minutes / a high concentrated electrolyzed water

In the standby mode, touch the "POWER" button three times to select the sterilizing(HIGH) mode. Then, the "HIGH" LED light will illuminate with "Beep" sound and the electrolyzed water will be generated for 5 minutes.



## 3. Sequence of Operation

- 1) When the product starts to operate, the blue LED on the middle of the base will illuminate.
- 2) 3 seconds after selecting the mode, the electrolyzed water will be generated with "Beep" sound. While in operation, the Power LED is on and the LED of the selected mode flickers.
- 3) If you take out the spray bottle from the base while in operation, the Power LED light and operation stops with "Beep" sound. However, the time that spray bottle is disconnected from the base is calculated as the operating time.
- 4) If you put the spray bottle on the base again, Power LED light will turn on and the operation will start again in the previous selected mode with "Beep" sound.

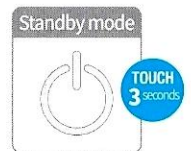
※ Please do not take out the spray bottle from the base while in operation.

## 4. Mode for the safe use

### 1) Standby mode

When 'Power' LED light is on, the product is ready to operate.

※ To shift into the standby mode while in operation, touch the power button for 3 seconds.



### 2) Power saving mode

Power saving mode helps to reduce power consumption by turning off all LEDs on the base.

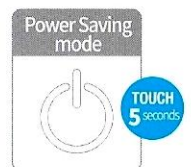
① Touch the "POWER" button for 5 seconds in any mode to activate power saving mode.

② In the power saving mode, if you touch the "POWER" button when there is no spray bottle on the base, all LEDs will flicker two times with a warning alarm.

③ To shift from the power saving mode into the standby mode, touch the "POWER" button for 1 second.

※ Other switching methods to the power saving mode

- If you leave the base untouched in the standby mode for 3 minutes, the power saving mode will be activated automatically.
- If you take out the spray bottle from the base in the standby mode, the power saving mode will be activated automatically.



## 3) Safety Mode

The safety mode is to prevent damage on the device by continuous operation.

The product does not operate for 1 minute after finishing the previous operation.

※ Continuous operation is not recommended because it can shorten the life span of the product.

① After finishing the operation, it will shift into the safety mode with "Beep" sound.

② After 1 minute, it will shift into the power saving mode automatically.

※ If you take out the spray bottle from the base within 1 minute in the safety mode, the LED light of the selected mode will turn off.

※ If you put the spray bottle on the base within 1 minute in the safety mode, the LEDs of power and the LED light of the selected mode will turn on again.

## 4) Warning mode

Warning mode is to stop operating the product to prevent an abnormal operation.

① If you add refined salt more than the recommended quantity, all LEDs will flicker with "Beep-Beep-Beep" sound.

② After 1 minute, it will shift into the power saving mode with "Beep" sound.

※ When the warning mode is activated, please take out the spray bottle and adjust refined salt content of the water referring to page 11.

## Maintenance

### 1. Exterior of the product

① Do not use any chemicals or general detergents.

② Please be careful not to allow the water to get into the connecting terminals of the spray bottle and base.

③ Before use, wipe the exterior of the product with a soft cloth and make sure to remove the water completely.

※ Water may come out through the air hole of the spray head. It is not a product defect.

### 2. Interior of the product

① Do not remove the connecting terminal on the bottom of the spray bottle or clean it with excessive force.

② If there are water stain inside of the spray bottle or pitcher, add refined salt to the spray bottle and operate the product for 3 minutes. 1 hour later from the end of operation, please gently rinse it with clean water.



### 3. Cleaning the scale in the electrode

① If you see a scale on the electrode, add 200 ml of warm water and 20 g of Citric Acid(available separately), or add 100 ml of the water with 100 ml of Vinegar. After that, leave it for more than 1 hour.

② Before use the product, flush out the solution with clean water.

③ It is strongly recommended to de-scale the product every 2~3 months to ensure optimal performance.



## Maintenance and Management

1. Do not leave the water in the spray bottle/pitcher for a long time.

2. Keep the inside of the spray bottle/pitcher dry when not in use over an extended period of time.

3. The product should be kept in a place away from direct sunlight.

4. If you keep the product in a extreme cold conditions as this may compromise product performance and cause freeze and burst.



## TROUBLESHOOTING

※ Please refer to the common troubleshooting solutions before contacting customer service center.

Issue	Cause	Solution
LED lights do not turn on.	Does the product connect to the electrical power supply well?	Check if the terminal of adapter is connected to the connector on the bottom of the base properly.
The product does not work even though LED lights are on.	Is the spray bottle/pitcher assembled with the base correctly?	Check if the spray bottle/pitcher is on the base properly as the instruction of the manual. If the product still does not work, please contact the service center.
The microbubble is generated but not working strongly.	Did you use a purified water instead of a tap water?	Use the tap water. You can get more bubbles by adding refined salt.
All LED lights flicker continuously with "Beep" sound.	Did you add the recommended amount of water and refined salt?	For the safe use, it stops working for 1 minute if you add too much refined salt in the water. Refer to the manual for the recommended quantity of refined salt. Use the product after dissolving refined salt in the water well with the enclosed teaspoon.
When you touch the power button, it does not work but only "Beep" sound.	Has more than one minute passed after finishing operation?	It is set to stop working for 1 minute after finishing operation for the safe use. For 1 minute, you can change only the mode to the power saving mode by touching the power button for 5 seconds.
The spray is stop working	Did you use hard water?	Using a water with high hardness may cause a scale build-up in the nozzle of the spray. Please use water with the lowest hardness as much as possible.
	Did you squeeze the trigger 2 ~ 3 times?	If there is no water inside of the cylinder in the spray head, the spray is not working. If it still does not work after squeezing the trigger 2~3 times, please contact the service center.
There is water leak on the spray head and the spray bottle.	Did you pour up to 450 ml of tap water into the spray bottle?	Failure to do so can cause a water leak from the spray head. Pour up to 450 ml of tap water in the spray bottle and wipe the water on the exterior of the bottle with the dry cloth.
	Did you assemble the spray bottle with the electrode module correctly?	Please assemble the spray bottle with the electrode module by two marking dots on the electrode module with the triangle marked on the spray bottle. In case of the water leak, remove all water in the spray bottle. Re-assemble the unit after wiping all water with the dry cloth.
The product does not work after operation.	Did you touch the power button more than 1 second?	The power LED is on when you touch the power button more than 1 second during the power saving mode. You can select the mode you want.

## PRODUCT SPECIFICATION

Product Name	Electrolyzed Water Generator	
Model no.	WCE-200	WCE-210
Rated Power	100V~240 V 50 Hz, 60 Hz	
DC Output	9 V / 3 A	
Dimensions(W x D x H)	BASE : 137(W) x 137(D) x 67(H) mm SPRAY BOTTLE : 90(W) x 90(D) x 275(H) mm	PITCHER : 115(W) * 175(D) * 238(H) mm
Weight	BASE : 210 g SPRAY BOTTLE : 285 g	PITCHER : 471 g
Capacity	450 ml	1.25 l
Material	BASE : TRITAN(PCT), ABS, TRANSPARENT ABS, SILICONE SPRAY BOTTLE : TRITAN(PCT), ABS	PITCHER : TRITAN(PCT), ABS



## PRODUCT WARRANTY CARD

MEMO

## PRODUCT WARRANTY CARD

Product	Model	<input type="checkbox"/> WCE-200	
		<input type="checkbox"/> WCE-210	
	MFG DATE		
PURCHASE DATE	Year	Month	Day
CUSTOMER NAME			
DEALER NAME			

### WARRANTY GUIDE

1. The warranty period is 12 months from the date of purchase.
2. The following repairs will be provided at cost:
  - a) Expired Warranty
  - b) Malfunction caused by careless use or abnormal use.
  - c) Malfunction caused by natural disaster.
  - d) This Product Warranty card is lost.

 **WONBONG**