

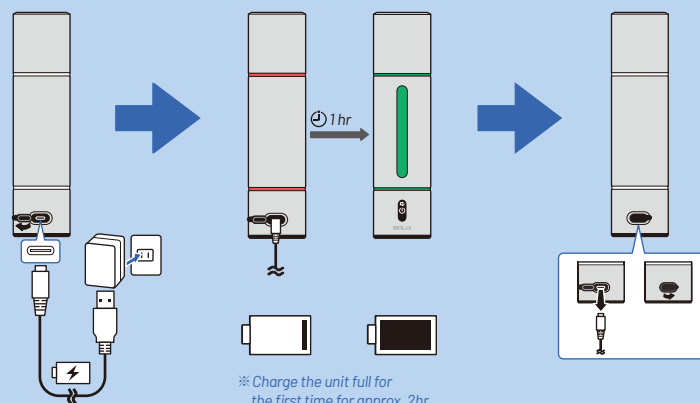
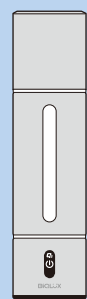
BiOLUX

Multi-Purpose Ozone Bottle

EOS7161-R



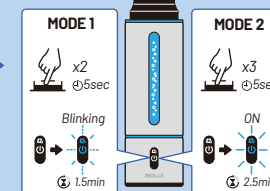
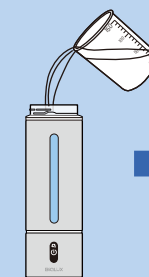
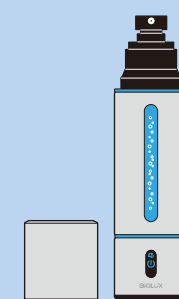
1



※ Charge the unit full for the first time for approx. 2hr

QUICK START GUIDE

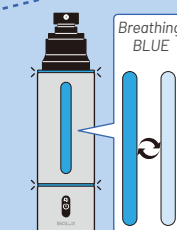
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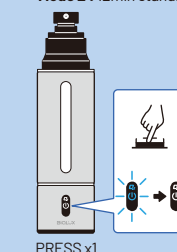
Mode 1 - For single use
PRESS x2 to activate performance in 1.5min, followed by 10min standby.
Mode 2 - For continuous use
PRESS x3 to activate performance in 2.5min, and consistent performance is maintained for approx. 12min standby.

READY

TO STOP



Mode 1 : 10min standby
Mode 2 : 12min standby



PRESS x1

LIMITED WARRANTY

Biolux is a division of Biotek Environmental Science Ltd. ("BES"). BES warrants this new equipment manufactured in BES's designated facilities to be free from defects caused by faulty workmanship and defective materials for one (1) year after the date of original purchase.

- 1 Year Parts Only Replacement

Exclusions: Certain BES parts that are expendable by nature and that need to be replaced frequently may not be covered. BES is not liable under these warranties for repairs or damages due to improper operation, attempted repairs or installation by unauthorized persons, alterations, abuse, fire, flood, or acts of nature. Additionally, this warranty may be voided in the case of:

- Failure to follow BES (and Biolux) instructions for use, care, or maintenance
- Removal, alteration, or defacing of the BES-affixed serial number and other labels
- Mechanical damage
- Use of fluids other than clean, potable water

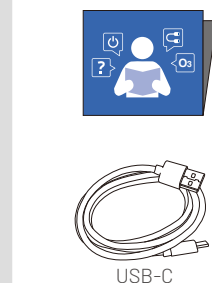
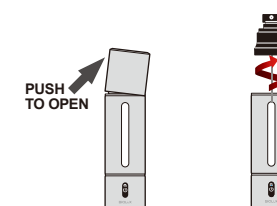
This warranty is conditional upon BES receiving notice of any defect subject to this warranty within thirty (30) days of its original discovery by the Buyer. For service or warranty questions, contact the BES service department or BES authorized dealer nearby.

ATTENTION

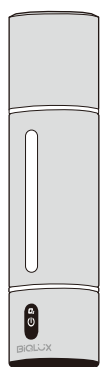
- Do NOT use a power supply voltage other than being specified on the product.
- Do NOT plug or unplug the Power Cord if your hands are wet.
- Biolux Multi-Purpose Ozone Bottle is not a toy. Supervision is required when children present.
- Do NOT spray directly into the eyes.
- Do NOT drink ozonated water. Ozonated water is for sanitation use, NOT for drinking.
- Dispose of properly.

This device is designed to generate ozone electrochemically in clean water, with the amount of ozone well below typical safety limits and regulations when used correctly. Ozone can be sensed by smell at a level as low as 0.02ppm. It is normal and expected to be able to detect a mild ozone smell from the open bottle mouth. However, ozone can be irritable if inhaled in instant large quantities. For safety, do NOT inhale the ozone gas produced by this device directly.

※ How to open the cap and remove the spray head:



USB-C



Thank you for purchasing Biolux product.
Please read this manual carefully and follow the instructions for using this product.

BIOTEK ENVIRONMENTAL SCIENCE LTD.
www.besgroups.com



Multi-Purpose Ozone Bottle
EOS7161-R

INSTRUCTIONS & REFERENCE GUIDE

CAUTION

- To reduce the risk of fire, do not expose the appliance to naked flame sources (for example, lighted candles).
- Do not expose the batteries (batteries installed) to excessive heat such as sunshine, fire or the like for a long time.
- Batteries need to be charged before use. Always refer to the manufacturer's instructions or equipment manual for proper charging instructions.
- After extended period of storage, it may be necessary to charge and discharge the cells or batteries several times to obtain maximum performance.



CAUTION ON CHARGING

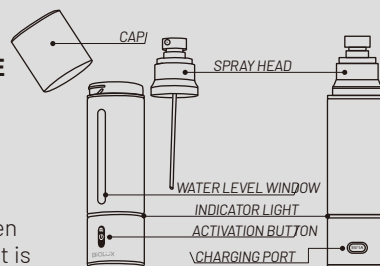


When the USB plug is inserted in a wet condition, a short circuit occurs due to the liquid (tap water) attached to the main unit and charging cable or foreign matter, it may cause abnormal heat generation or malfunction.

Never insert USB plug when the main unit or charging cable is in wet condition.

PREPARATION

BE FAMILIAR WITH YOUR NEW MULTI-PURPOSE OZONE BOTTLE



CHARGE

If the ozone bottle does not operate when activation button is pressed or a red light is ON after operation, the ozone bottle needs to be recharged.

- Find the charging port on the back of the bottle.
- Connect the charging cable (USB-C, included) to the device.
- Connect the charging cable to an adaptor (output: DC 5V/1A) and plug them into a standard outlet.
- A breathing RED LED light indicates charging is taking place.
- Charging is complete when the indicator turns to be steady green.

⚠ It is NOT recommended to charge and operate the unit at the same time.

FILL

- Remove the cap
- Turn spray head on top counterclockwise and pull it from the bottle.
- Fill the bottle with cold tap water ONLY.
- Reattach the spray head to the bottle and turn clockwise to fasten it tightly.

⚠ Do NOT submerge under water. Do NOT add chemicals or soap. Use tap water ONLY.

※Recommended water quality:

Clean or filtered water, TDS 60-200 ppm, Hardness < 180 ppm as CaCO₃.

USE

SANITIZING SPRAY

- Generate ozonated water solution in the bottle.
- Continuously spray surfaces with ozonated water.
- Effectively kill germs especially on hard and non-porous surfaces.
- Wipe surface dry with clean cloth.

SANITIZING RINSE

Generate ozonated water solution in the bottle to rinse object/surface, applicable to oral rinse as well.

CARE

CLEAN

- Rinse the inside of the bottle with clean water ONLY. (※ NOT dishwasher safe.)
- Wipe the bottle surface with a soft cotton, microfiber, or paper textile.
- If the tap water quality in your region is hard, it can cause scaling on the spray bottle. If there is scaling, fill the bottle with warm citric acid solution and then wait for 30 minutes. After descaling, pour out the citric acid solution and wash the bottle with clean water.

MAINTENANCE

- To maintain consistent performance, follow these care instructions.
- Do NOT operate the bottle when it is empty or at low water level, this may damage the ozone generator.
 - Clean and empty the bottle at the end of each day.
 - Use only attachments and replacement parts sold or recommended by manufacturer.
 - Use citric acid for every 3 months or every 4 weeks (depends on usage and water quality)

STORAGE

- Empty water from the bottle.
- Spray out the remaining water in the sprayer tube.
- Remove the spray head.
- Wait for the bottle dry, and then fasten the head.
- Store the ozone bottle at room temperature, avoid dust.

PRECAUTIONS

ON SAFETY

- Important information such as the model name and product serial number are located on the bottom exterior.

ON PLACEMENT

- Do not set the unit in an inclined position.
- Do not leave the unit in a place subject to high temperature, such as direct sunlight, near a heat source or under lighting equipment.

ON CLEANING

- Do not use detergent nor solvents such as alcohol, benzine, thinner, to clean the bottle exterior surface.
- Do not clean the unit in a dishwasher.

OTHERS

- Do not use or leave the unit in an extremely cold or hot environment (temperature outside the range of 5 - 40°C).
- Even if you do not intend to use the unit for a long time, charge the battery to its full capacity once every 6 months to maintain its performance.
- Do not attempt to remove the base of the bottle. Attempting to unscrew the base of the bottle may result damage to the product and void the warranty.

※How to care for the unit when wet:

If the unit gets wet on the surface, wipe off the moisture using a soft, dry clean cloth. Be sure to wipe off the moisture after filling water to the unit. After using the unit, drain all the water and leave it at room temperature, dry it until no moisture remains. Do not put the unit in a dish dryer to dry.

※System requirements for charging battery using USB:

Using a USB power supply capable of feeding in DC 5V 1A.

SPECIFICATIONS

OZONE TECHNOLOGY

Ozone generator: Built-in parallel plate electrodes electrolytic ozone generator

Ozonated water concentrations:

Mode 1: 1.0ppm; Mode 2: up to 2ppm*¹

*¹Actual performance concentrations may vary from the listed data due to operating conditions.

WATER

Max. fill capacity: 150ml (5 fl. oz.)
Water temperature: 5 - 35°C (41 - 95°F)

Water quality requirements:

Total Dissolved Solids (TDS) 60 - 200ppm;
Hardness < 180ppm as CaCO₃

BATTERY

Battery spec.: Lithium polymer 3.7V 1200mAh
Charging power: DC 5V 1A (using the USB power supply)
Charging time: 60 minutes approx (first time charge 120min).
Battery performance time:

Approx. 500hr in idle state; approx. 3.0hr in total for both modes 1&2 (collective time, including standby). If the mode 1 is repeated without standby the usage life will be approx. 50min.*²

*²Actual performance time may vary from the listed time due to usage conditions.

GENERAL

Room temperature: 5 - 40°C (41 - 104°F)
Dimensions (including spray head): 53mm (2") dia. x 209mm (8.2") [H], approx. 306g (0.67lbs) including battery (empty bottle)
Supplied accessory: USB Type-C cable (1), Spray head (1) [attached to the unit], Cap (1) [attached to the unit]

Designed by BES in Taiwan. Assembled in China.

Design and specifications are subject to change without notice.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|---|--|
| 5 sec RED LED ON after operation | Battery low | Recharge |
| No response after pressing the activation button | Battery empty | Recharge |
| | Bad battery | Contact service agent |
| RED LED not ON during recharging | Bad adaptor or loosen connection | Replace adaptor or reconnect the charger |
| | Bad battery | Contact service agent |
| Breathing BLUE/RED LED during standby | Ozone Generator near end of life (2%) | Contact service agent |
| Quick Blinking RED LED during activation ※Function suspended | Ozone Generator life finished | |
| Shorter operating time | Battery near end of life | Contact service agent |
| Less ozone performance | Water TDS low | Correct water source |
| | Generator scaled | Clean bottle with citric acid solution |
| Blinking RED/GREEN LED during activation ※Function suspended | TDS too high | Use water with lower TDS levels (< 200 ppm) |
| | A short circuit occurs in the generatr due to introduction of foreign matte | Remove the foreign matter from the generator |
| Blinking RED/BLUE LED during activation ※Function suspended | TDS too low | Use water with higher TDS levels (> 60 ppm) |
| | Generator is heavily scaled | Clean bottle with citric acid solution |
| | Lack of water | Fill water |