



**OPERATING MANUAL**  
**AQUA**  
**WATER OZONATOR**  
**ANTIBACTERIAL WATER STERILIZER**  
**Model: CYS300C**

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## **Introduction:**

Congratulations on your purchase of the Water Ozonator CYS300C by Guangzhou Kangzhen Medical Equipment Co., Ltd. It's a state-of -the-art, high-quality ozone generator for water sterilization designed to be installed on a kitchen or bathroom sink faucet for removal of bacteria from water used for rinsing, washing and drinking

## **Features:**

Light, aesthetic design requiring minimum assembly.

Large attractive LCD touch screen with dynamic movement when operating.

Clock with dual display.

Touch sensor buttons.

Automatic start up sensor when water is turned on.

Design separates electronics from water for safety.

Circuit design automatically accepts all voltages.

Precision AVR generator produces adequate and stable ozone ions.

Automatic high voltage detection and protection.

Five ozone density settings.

Ozone introduced in diffuser for most effective mixing with water.

Automatic delayed shutdown to extend life of unit and tubing by flushing with air.

## **Technical Details:**

Input voltage: 100V - 250V, 50/60Hz

Rated power: 9 W

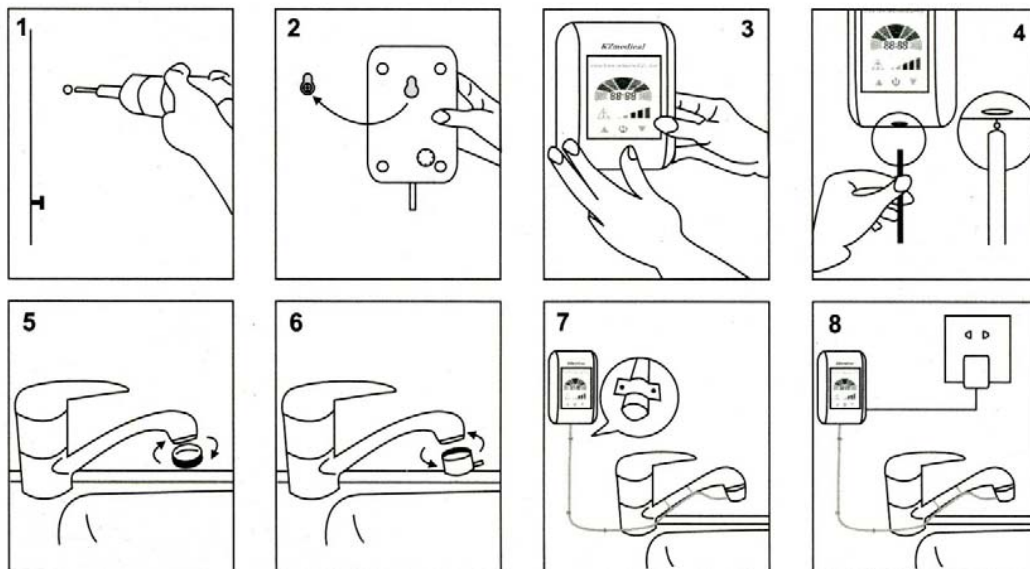
Ozone ions produced in water under 0.1 Mpa pressure): 3\*0.4-0.8 mg / liter

Amount of ozone produced: 500 mg / hour

Weight: 1.2 lbs, 620g

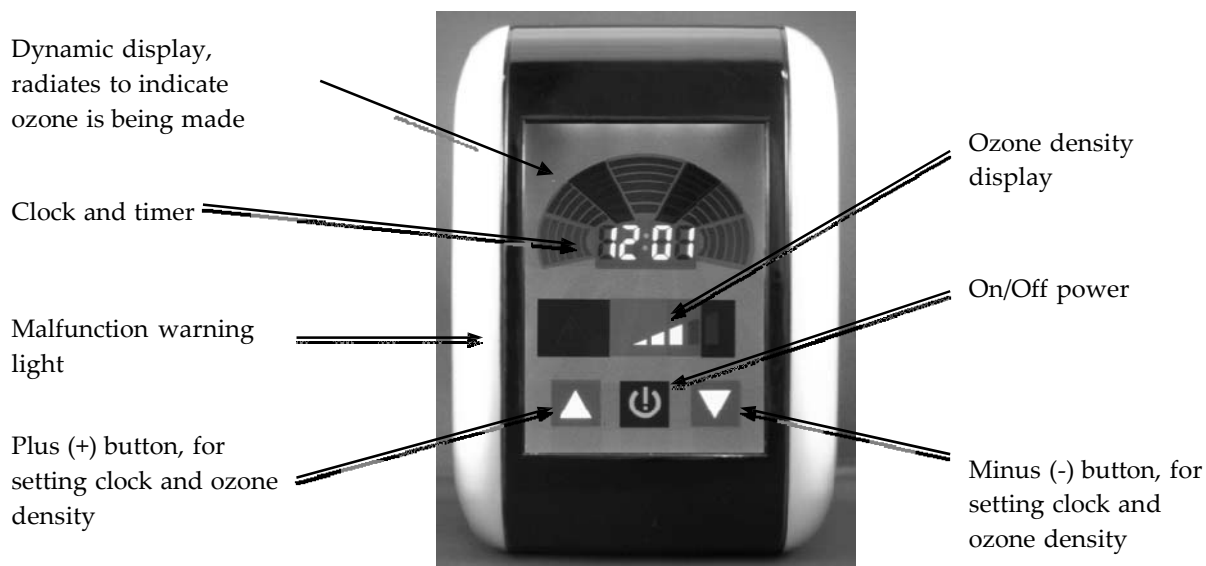
External dimensions: 5.3 X 2.3 X 7.4 Inch, 135 (L) x 58 (W) x 188 (H) mm

## Installation Instructions:



1. Select a location where temperature will not exceed 122 degrees Fahrenheit (50 degrees Centigrade), and where the bottom of the unit will be 0.4 inches (15 cm) higher than the bottom of the faucet.
2. Obtain a screw with a head that fits up into the slotted mounting hole on back of unit, and drill a hole in the wall for the screw. The bottom of the unit should be 15 cm (0.4 inches) higher than the bottom of the faucet.
3. Hang the unit by slipping the slotted hole over the screw head.
4. Ensure the screw is in far enough to hold the unit flush against the wall.
5. Connect one end of the white silicone tube to the ozone nipple on the bottom of the unit.
6. Remove the existing aerator from the faucet.
7. Attach the unit's chrome aerator to the faucet. The aerator has two sections to allow attachment to internal or external threads. Connect the other end of the white silicone tube to the nipple on the aerator.
8. Secure the white silicone tube to the wall if desired, and tie it the faucet with the plastic ties provided, so that the tube is secure and does not interfere with the use of the sink.
9. Plug the power adapter into an outlet, and connect the power cord to the port on the side of the unit.

## Operating Instructions:



1. Connect the unit to power. The unit will come on with the display illuminated and the clock showing 12:00. Set the clock to correct time by pressing the numeral to be changed, and then pressing the triangular (+) or (-) buttons. Turning the unit on or off with the On/Off power button does not disturb the clock setting, as long as the power cord remains connected.

2. Connect the unit to the aerator and turn the faucet on. The unit will automatically sense water running through the aerator and will make ozone. The colorful fan-shaped display radiates actively outward whenever ozone is being made, and stops when ozone is not being made.



3. When ozone starts being made, the clock changes to a timer, displaying the time since the making of ozone last started. Turning off the faucet, or turning off the On/Off button, stops and resets the timer to zero.

4. To adjust the amount (density) of ozone being made, press the triangular (+) or (-) buttons to step the graduated density display up or down. This may be done with or without the water running.

5. The red warning light with triangle symbol will flash if there is an internal problem. If this happens, turn off the power button, disconnect the power, and contact the manufacturer.

## Applications:

### Hospitals

Hands: Wash hands under ozone faucet for 30 seconds to disinfect without the use of antibacterial liquids.

Instruments: Immerse in ozone water for 5-10 minutes to disinfect and kill bacteria.



### Hotel Applications

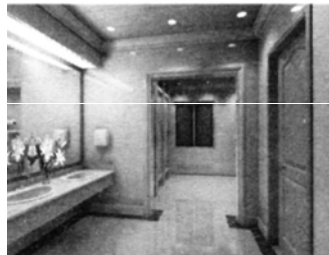
Kitchens: Rinse raw fruits, vegetables, fish and meat to destroy bacteria and extend refrigerated shelf life. Rinse tableware and dishes to disinfect.



Lobby Rest Rooms: Guests may sanitize their hands with ozonated water.



Guest Rooms: Ozonated water in bathroom for washing, oral cleanliness, and other applications of sterilized water..

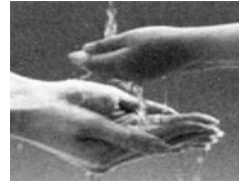


Laundry: Bed sheets, blankets, and pillowcases can be washed with ozone water for disinfection, sterilization, deodorizing, bleaching, reducing use of chemicals and lowering operating costs.



## Homes

**Hand Washing:** Use ozone water to kill bacteria, viruses and reduce disease.



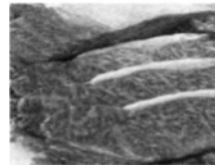
**Water Purification:** The unit produces different concentrations of ozone for sterilization, disinfection, removal of impurities from decomposition and oxidation, removal of residual chlorine, oxidation of heavy metals, and making water turn clear through oxidation.



**Produce:** Rinse fruits and vegetables for neutralization of residual pesticides and fertilizers, and to kill surface bacteria and virus. The flavor is unchanged, while the preservation period is extended.



**Meat and Poultry:** Rinse and soak meat and poultry in ozonated water to kill salmonella, E. coli and other harmful microbes, as well as to neutralize residual hormones. Preservation time is increased 2 to 5 times.



**Fish:** Rinse and soak fish in ozonated water to kill microbes and to remove uncooked fish odor.



**Beauty:** Use ozonated water for washing, shampooing and bathing, to remove skin bacteria and activate epiderman cells.



**Daily Uses:** Use ozonated water for daily disinfection of clothing, dishes and tableware, baby's toys, bottles, underwear, and so on.



**Oral Hygiene:** Brush teeth, rinse mouth, and gargle with ozonated water to freshen the breath and prevent oral diseases such as gingivitis.



**Pets:** Use ozonated water to bathe and disinfect pets, remove fur odors, prevent growth of skin bacteria, and reduce flea breeding.

## **Cautions in Use:**

1. The ozone gas is a strong oxidizer and should be handled with care and according to the FDA guidelines for application of ozone in water for sanitation and food preparation. Ozone produced by the Water Ozonator CYS300C acts as a disinfectant in water, and should not be breathed. Occasional smell of ozone from the faucet is not harmful, but use the unit in a ventilated room and avoid prolonged breathing of the fumes. If less smell is desired, lower the ozone density setting, however this will also reduce the amount of ozone in the water.
2. When the Water Ozonator CYS300C is used to purify water for drinking, the water should be allowed to settle for 30 minutes to allow the ozone to do its work and disperse.
3. Do not expose nor immerse the main housing (LCD case) in water. There is high voltage in very low amperage inside the box when plugged in.

## **Trouble Shooting:**

If the display does not dynamically radiate when the faucet is turned on full, the flow is insufficient to trigger the unit. If only the cold water is turned on, turn on the hot water for a moment to increase the flow to trigger the unit, and then turn it off.

## **Care and Maintenance:**

1. Your Water Ozonator CYS300C is a precision product consisting of several components integrated with a logic board.. Disassembly will void the warranty.
2. Clean the plastic case of the Water Ozonator CYS300C occasionally with a soft moist cloth. Do not use soap or other cleansers.
3. Disassemble and clean the aerator every 6-12 months, or whenever deposits affect the flow and aeration of the water.
4. Replace the coin-sized felt air intake filter on the back of the unit every 6-12 months.

## **Sterilization Performance:**

Ozonated Water produced by The Water Ozonator CYS300C is effective in sterilizing the following organisms:

E. coli and Salmonella

Staphylococcus aureus

Candida albicans

Pseudomonas aeruginosa and Dichlorvos

## **Patents on the Aqua Touch**

Ozone generator: Patent No.: ZL 200720052701.5

Water induction sensor: Patent No.: ZL 200720052698.7

Protection of circuitry from water: Patent No.: ZL 200720052743.9

Aerator mixer: Patent No.: ZL 200720052700.0

Device size, pressure, efficiency: Patent No.: ZL 200720052748.1

External appearance design: Patent No.: ZL200730313980.1