

## Cleaning & Care Instructions

For best performance, always keep the UV-C Light Toothbrush Sanitizer clean. We recommend you rinse and clean the removable drip cup and cover at least once a week. **The removable drip cup should be taken out for cleaning before first use.**

1. To reduce the risk of electrical shock or injury, always unplug the unit before cleaning.
2. Remove all toothbrushes from the unit.
3. Unlock Cover: Slide Switch on both sides and pull top cover off the base of the unit.
4. Lift the removable drip cup straight up and out of the base, and rinse both the cup and cover with warm water.
5. After rinsing, dry both the drip cup and cover. Re-insert drip cup it to its original position, firmly seated in the base.
6. If necessary, wipe the inside of the unit with soft, moist cloth.
7. When finished, place the top cover back onto the base of the unit and lock Cover Slide Switch to secure it. Check to make sure top cover is locked in place.

**NEVER immerse the base of the unit in water or place under running water for any reason. Do not fill the base with any liquid. Ensure that the base is completely dried before use.**

*Please note that after a certain period of usage, the drip cup and some areas inside the UV-C Light Toothbrush Sanitizer might become discolored. This is a normal discoloration process of plastics after prolonged exposure to UV light. This discoloration will NOT prevent the UV-C Light Toothbrush Sanitizer from properly sanitizing.*



## Trouble Shooting

**Problem:** Unit does not go on after pressing power button.

**Solution:**

- Did you press the power button for three seconds?
- Is the power cord securely attached at both ends?
- Is top cover on securely and properly locked into place?
- Does a wall outlet switch need to be turned on?
- Unplug and check to see if the UV-C lamp is loose or broken

**Problem:** Unit and/or lamp has broken.

**Solution:** If the lamp is cracked, chipped or damaged, do not attempt to operate. While the UV-C Light Toothbrush Sanitizer lamp is quite durable, our warranty does not cover lamp breakage. Dispose of the UV-C Light Toothbrush Sanitizer including the UV-C lamp and any residue thereof in compliance with all relevant local, state and federal laws, regulations and guidelines.

## Product Specifications

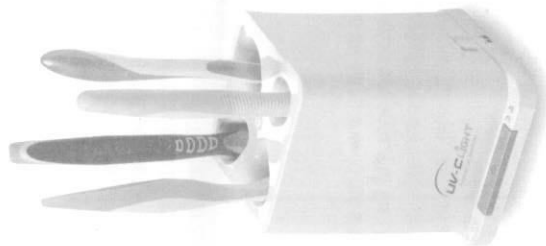
- Application: Toothbrush Sanitizer
- Sanitizing Method: UV-C Lamp
- Sanitizing Period: 10 minutes
- Sanitizing Modes: Auto Mode – 10 minutes every 3 hours  
Quick Clean Manual Mode – Immediately for 5 minutes
- LED Indicator: Red LED Lit – Unit in standby/auto mode  
Green LED Lit – Unit in sanitizing mode  
Green LED Flickering – Unit unlocked
- UV Wavelength: UV-C (253.7nm)
- Power Supply: AC100-240V Power Adaptor
- Size: W3-1/2" x D3-3/5" x H4/10"
- Materials: ABS plastic / UV-C Bulb

**Warning:** The materials used in this product may create an exposure to chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. This warning is required by Section 25249.6 of the California Health and Safety Code.

# KF221 UV-C LIGHT TOOTHBRUSH SANITIZER CADDY

## User Manual

**PLEASE READ ALL INSTRUCTIONS  
BEFORE USING THIS SANITIZER**



Thank you for purchasing our UV-C Light Toothbrush Sanitizer Caddy, one of the most advanced bacteria-reducing tools in the world. The UV-C Light Toothbrush Sanitizer can help you and your family to significantly reduce infectious microorganisms and germs such as bacteria and viruses from your toothbrushes. It is designed to complement your daily normal brushing routine and enhance your day-to-day oral hygiene. By following these instructions and safeguards, you and your family will benefit from the use of your UV-C Light Toothbrush Sanitizer for many years to come.



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## Introduction

The UV stands for Ultra-Violet light. Ultraviolet light represents the frequency of light between 100 nanometers (nm) and 400nm and cannot be seen with the naked eye. Within the UV spectrum lie three distinct bands of light: UV-A, UV-B, and UV-C.

• UV-A (400-315nm) The long wave UV light (315nm to 400nm) or UV-A refers, to what is commonly called "black light." This is the longest wavelength region and lowest energy; it represents the largest portion of natural UV.

• UV-B (315-280nm) The UV-B (280nm to 315nm), or midrange UV, causes sunburn.

• UV-C (280-100nm) The Germicidal UV Light (100nm to 280nm), or UV-C, is effective in microbial control.

The most effective frequency for microbial destruction is between 280nm and 200nm within this UV-C band. Therefore, as long as the nm frequency of Germicidal lamps have been well-controlled within the range, then the microbial will be significantly reduced.

Opportunities for infection are abundant and virtually everywhere, so it is important to realize that use of the UV-C Light Toothbrush Sanitizer does not guarantee that the user will avoid illness. To avoid microbial infection, one must take a wide range of precautions. Use of the UV-C Light Toothbrush Sanitizer is an important precaution, but not the only precaution that one should take.

## User Warning

Do not look directly into the lamp and do not expose skin under the UV-C light. Do not allow any impact to the UV-C lamp. If the UV-C lamp is cracked, chipped or damaged, do not operate. While the UV-C lamp is quite durable, our warranty does not cover a lamp breakage. This UV-C lamp contains a small amount of Mercury. The Mercury content of this product meets RoHS requirements (less than .05mg). Dispose of the UV-C Light Toothbrush Sanitizer including the UV-C lamp and any residue thereof in compliance with all relevant local, state and federal laws, regulations and guidelines.

**Never allow the UV-C lamp to be pointed at your eyes or any part of the body!**

**Children should operate this device with adult supervision!**

**Do not face the UV-C lamp towards other people or pets!**

## Safeguards / Precautions

- DANGER- Ultraviolet light: UV light can be harmful to skin and eyes. It is important to use the UV-C Light Toothbrush Sanitizer properly.
- Improper operation of the UV-C Light Toothbrush Sanitizer may cause injury. Read and understand all warnings prior to operating the UV-C Light Toothbrush Sanitizer.
- Keep out of reach of children.
- Do not look directly into the UV light.
- Do not touch the UV-C Light Toothbrush Sanitizer lamp.
- Never disassemble the UV-C Light Toothbrush Sanitizer. Removal or tampering with the electronic circuit board or lamp assembly may cause injury or damage the UV-C Light Toothbrush Sanitizer and the warranty will be voided.
- Do not allow anyone to use the product until they fully understand proper operating procedure and warnings.
- Do not improperly dispose of the lamp of this product.
- Do not place the unit to close to sinks, toilets or bathtubs where it can be in danger of falling in.
- If UV-C Light Toothbrush Sanitizer falls into the water, do not attempt to remove unit until you unplug from wall outlet.
- Do not immerse the base in water or liquid of any kind. Never place unit under running water for any reason.
- Do not use the unit if the power cord is frayed or the plug is damaged.
- Keep the cord away from hot surfaces.
- Only use the power cord that comes with the unit.
- Do not insert toothbrushes or operate the unit without the drip cup being in place.
- For the best performance, always keep the UV-C Light Toothbrush Sanitizer clean.
- In case the UV-C Light Toothbrush Sanitizer gets dirty, "wipe" it with a soft cloth VERY GENTLY.
- Always unplug the unit when cleaning or not in use.
- Do not use in manner other than instructed in this User Manual.

## Features

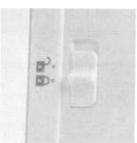
1. Sanitizes up to 4 toothbrushes after each use.
2. Sanitizes automatically every 3 hours.
3. Automatic shut-off after 10 minutes.
4. Quick Clean option for immediate sanitizing (5 minutes).
5. Synchronized design of Top Cover Slide Switch and UV-C lamp On/Off Switch.
6. Automatic Safety Shutoff when sanitizer's top cover is off or not fully secured.
7. LED On/Off Sanitizer Indicator Lights.
8. Removable drip cup allows for easy cleaning.
9. Separate drip cup slots prevent cross-contamination from one brush to another.
10. Doubles as toothbrush sanitizer and holder.

## Instructions For Use

1. Before Sanitizing Toothbrushes
  - A. Before inserting toothbrushes, please rinse and shake off any excess water from bristles.
  - B. Plug the power cord into wall outlet!
  - C. Carefully insert your toothbrush (only one per slot) into the holes on top of the unit. Be sure that the bristles face the center of the unit.
2. Automatic Sanitizing Mode
  - A. On the base of the unit, press the power button once for 3 seconds. Green LED Light will come on (Sanitizing Mode). Your toothbrushes are now sanitizing. The Green LED light will automatically turn off after 10 minutes. Your toothbrushes are now fully sanitized.
  - B. Red LED light will come on indicating that the unit is not sanitizing (Standby/Auto Mode). Please note that the UV-C Light Toothbrush Sanitizer will automatically sanitize toothbrushes every 3 hours.
3. Quick Clean Sanitizing Mode
  - A. For immediate toothbrush sanitizing, please press the power button when the unit is in Standby/Auto Mode (Red LED light on). The Green LED light will come on indicating that your toothbrushes are now sanitizing. The Green LED light will automatically turn off after 5 minutes indicating that your toothbrushes are fully sanitized.
  - B. The unit will then return to Standby/Auto Mode (Red LED light on) and will automatically sanitize toothbrushes again every three hours.
4. Turn Unit Off
  - A. When the power light is turned on, press the power button once for 3 seconds. All LED lights will shut off.

## UV-C Lamp Turn Off Safety Device

1. The UV-C Light Toothbrush Sanitizer has a built in Safety feature that will not allow the operation any time the top cover is off, or not securely locked in place.
2. Cover Slide Switch must be in the locked position before Green LED light comes on indicating that the unit is sanitizing.
3. If the Cover Slide Switch is not in the locked position, the Green LED light will flicker and unit will not begin sanitizing.



## LED Light Mode Descriptions

Red LED light- (Solid)	Standby/Auto Mode
Green LED light (Solid)	Sanitizing Mode
Green LED light (Flickers)	Unit Unlocked

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