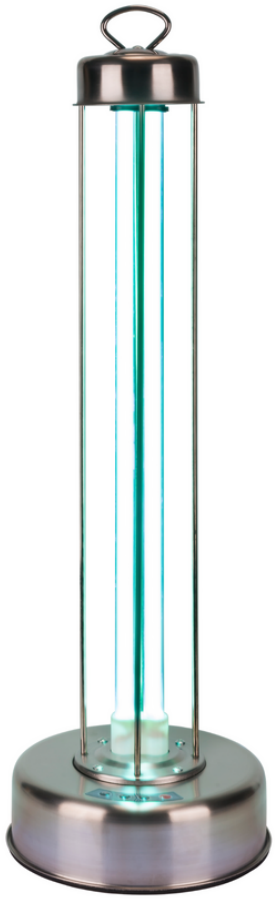
TOOL KLEAN ANTI-MICROBIAL UVC LIGHT STAINLESS STEEL TABLETOP ROOM APPLIANCE - TK-1-SSRTT



USER'S GUIDE

PRODUCT DESCRIPTION

The Tool Klean Anti-Microbial UVC Light Tabletop Room Sanitizer is the ultimate investment for maintaining a clean, safe environment either at work or at home. The industrial strength sanitizer uses 100 watts of UVC light power and can cover a 600 square foot radius. In minutes, over 99% of air and surface borne pathogens exposed to the UVC light will be eliminated, confirmed by our lab test data found later in the guide. The Tool Klean UVC Light Tabletop is an excellent choice for salons, groomers, office spaces, ambulances, hotel rooms, spas, bars, restaurants, studios, waiting rooms, veterinary clinics, senior & daycare facilities, and plenty more.

- Durable stainless-steel body with a highly reflective surface for enhanced UVC light treatments
- 100 W high-quality tempered quartz glass bulb for optimum light radiance
- Bulb offers 10,000 hours of efficiency
- Bulb intensity and wavelength are 210 uW/cm2 & 253.7 nm (UVC light range)
- A delayed timer to allow time to leave the area before treatment
- Convenient remote control
- Excellent for both commercial and home use

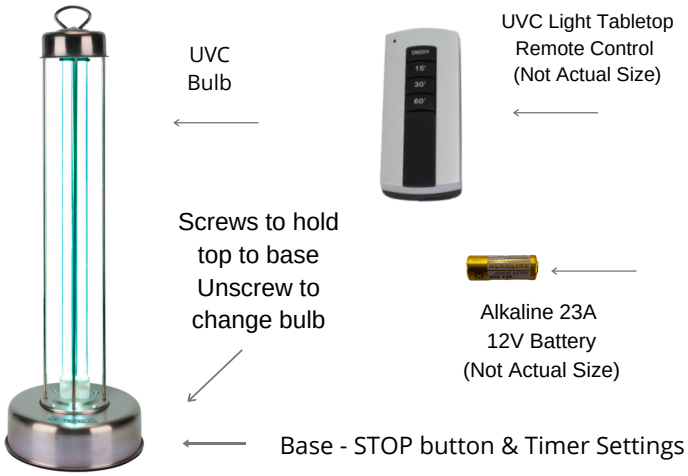
PRODUCT PREPARATION:

- Carefully remove all wrapping around the tabletop & bulb. Check to make sure that all screws are tightened on the base/top of the unit.
- Remove the remote, battery, and cleaning cloth. Insert the battery into the remote.
- Place the Tool Klean UVC Light Tabletop on a flat surface and inspect the unit. Check to make sure the plug and bulb are intact and undamaged.
- Test the unit before treatment by plugging it into a wall outlet.You should hear a beep. This means that the unit itself is turned on but the bulb has not been activated yet.
- Continue the test by selecting one of the timer settings, either on the base of the unit or on the remote. A green light will turn on. You will begin to hear successive beeping coming from the unit after a few seconds. Immediately turn the unit off once the successive beeping occurs by pressing the red STOP button on the unit or the STOP button on the remote. You will have 30 seconds to safely turn off the unit after selecting a timer setting before the bulb activates. The Tool Klean UVC Light Tabletop has now been tested and is ready to use.
- If the unit does not turn on after being plugged in, refer to the troubleshooting section of this guide on page 4.
- If the remote fails to activate the unit, refer to the remote syncing section of this guide on page 4.
- If additional assistance is needed, please contact Technical Support at info@toolklean.com, 800-706-1677

OPERATION:

- You are ready to start your first treatment. CAUTION: Make sure all animals and people are out of the room and cover plants during treatment. Close doors and windows during operation. If a door has openings around the frame that allow the UV light to leak through, make sure to cover them fully and keep your distance from the door.
- Set the Tool Klean UVC Light Tabletop on a flat surface in a central location of the area you would like to sanitize.
- Plug the tabletop into a wall outlet or heavy-duty extension cord.
- Press the button for the desired treatment time. The unit will start to beep in quick succession as the tabletop is ready to turn on. The 30-second delayed start will allow time to leave the room.
- Allow the Tool Klean UVC Light Tabletop to sanitize the area completely before re-entering. The tabletop light will automatically turn off when the timed cycle is complete. Use the remote control to turn the light off with the STOP button if access to the area is required before treatment is completed.
- If the light flickers, turn off and restart. Fluorescent bulbs start slowly and may not fully turn on in cold temperatures.
- Always unplug the tabletop when not in use.
- Store safely and out of reach from children or pets.

COMPONENTS & TIMING



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SUGGESTED TIMING:

0 - 200 sq ft - 15 min
200 - 400 sq ft - 30 min
400 - 600 sq ft -60 min

The Tool Klean UVC Light Tabletop is effective only where the light reaches. UVC light will not be effective in shadowed areas. Optimum effectiveness is reached when light reflects off surfaces such as mirrors, stainless steel, highly polished counters. We suggest surfaces are clear of dust & debris before use.

MAINTENANCE:

- Cleaning - only use the UVC Bulb Cleaning Cloth (included) to wipe the bulb surface, keeping it free of dirt, oils, and fingerprints.
- Clean the tabletop with a soft cloth and Tool CleanR. Tool Klean's own Tool CleanR shines and cleans without leaving residue or streaks. Treatments are enhanced by the reflective surface of the stainless steel tabletop and keeping the unit in excellent condition helps the process.
- Changing Bulb - See page 4
- Dispose of old bulbs according to your State and local disposal requirements for hazardous waste.
- Do not come in contact with broken bulbs. Carefully dispose of broken pieces while wearing protective gloves.
- Do not inhale fumes from broken bulbs.
- All fluorescent bulbs whether UV or not, carry a trace amount of mercury.
- For optimum efficiency change the bulb annually.

SPECIFICATIONS:

Unit Dimensions	8"L x 8"W x 26"H
Unit Weight	4 lbs
Boxed Dimensions	8.9L x 8.9W x 28"H
Boxed Weight	5 lbs
Power	100 Watts
Input	110V, 60 HZ
Cord Length	4 feet
Remote Battery	12 V 23A
Bulb Life	10,000 hrs
Bulb Intensity	210 uW/cm2
Bulb wavelength	253.7 nanometers
Timer 15/30/60 Min	30 Second Safety Delay

1 year limited warranty
Register at https://toolklean.com/pages/warranty

TROUBLESHOOTING:

- All Tool Klean products are assembled, tested, and inspected at our New York EPA facility and are compliant with US laws & regulations. If you have an issue with one of our products, please contact Technical Support at 800-706-1677 or email info@toolklean.com.
- If the tabletop does not turn on - unplug the unit, wait 5 seconds, plug directly into a wall outlet to reset. Do not use power strips. Heavy gauge extension cords can be used. If the reset is unsuccessful contact Technical Support.
- If the tabletop turns on, but the bulb does not turn on - try to reset the unit. If the reset is unsuccessful, change the bulb and try again (See directions to change the bulb). If the reset is still unsuccessful contact Technical Support.
- If the tabletop starts, but the bulb flickers, reset the unit. Note: fluorescent bulbs take time to start as the ballast warms up. If a restart is unsuccessful, change the bulb. If the reset is unsuccessful contact Technical Support.
- Bulbs may appear darker in color closer to the ends near the filaments, this is normal. However, if the bulb does not emit light from the center of the bulb, change the bulb. If this is unsuccessful contact Technical Support.
- If the bulb does not stay on during timed treatment, reset the unit. If the bulb still does not stay on during treatment, change the bulb. If neither option works, contact technical support.
- If the timer does not work, re-sync your remote. If this is unsuccessful, change the battery. If the reset is unsuccessful contact Technical Support.

TO CHANGE THE BULB:

1. Unplug the unit from the power source.
2. Unscrew the four screws at the base of the unit and pull the top of the tabletop upward 1/2 way, exposing the black rubber bulb protector.
3. Remove the rubber bulb protector and finish removing the top.
4. Unscrew the two screws connecting the bulb to the base and carefully pull up to expose the wiring.
5. Carefully unplug the wire from the bulb.
6. Plug in the new bulb and screw the bulb base to the tabletop base.
7. Carefully slide the top back on 1/2 way and re-insert the rubber bulb protector.
8. Slide top all the way down to the base.
9. Screw the top back on to the base.
10. Test bulb and remote as per instructions in the OPERATION section on page 2. See the service video on how to change the bulb on https://toolklean.com/pages/product-videos-and-manuals

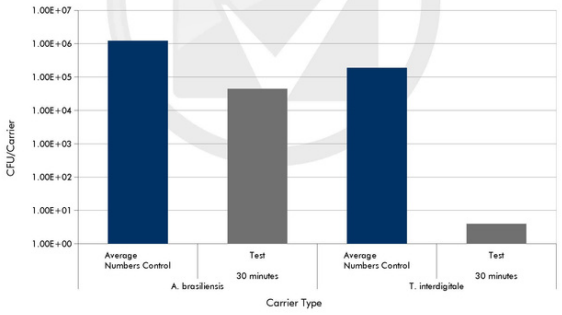
TO SYNC YOUR REMOTE TO THE TABLETOP:

1. Make sure the unit is unplugged.
2. Hold down the 60' button on the remote, the 60 min button on the base of the unit, and the STOP button on the base of the unit SIMULTANEOUSLY.
3. While holding all 3 buttons simultaneously, plug the unit in. Note: This may be easier with 2 people.
4. After plugging the unit in, the remote should now be synced to the unit and ready to use.
5. If syncing is unsuccessful, repeat the method 1-2 more times.
6. I f there is still an issue after completing this process, contact technical support for assistance.

MICROCHEM LABORATORY

Results of the Study (cont.)– Tabletop UV Room Air

Test Device	Test Microorganism	Contact Time	Carrier Type	Average CFU/Carrier	Percent Reduction Compared to Control at Time Zero	Log_{10} Reduction Compared to Control at Time Zero
Tabletop UV Room Air	A. brasiliensis ATCC 16404	Time Zero	Numbers Control	1.23E+06	N/A	
		Time Final				
		30 minutes	Test	4.40E+04	96.42%	1.45
	T. interdigitale ATCC 9533	Time Zero	Numbers Control	1.89E+05	N/A	
		Time Final				
		30 minutes	Test	4.00E+00	99.998%	4.67



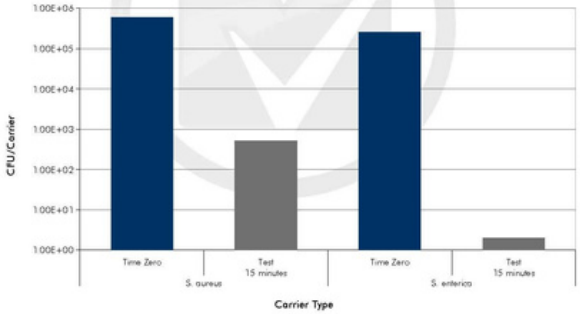
RESULTS

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Results of the Study (cont.)– Tabletop UV Room Air

Test Device	Test Microorganism	Contact Time	CFU/Carrier	Percent Reduction Compared to Control at Time Zero	Log_{10} Reduction Compared to Control at Time Zero
Tabletop UV Room Air	*S. aureus* ATCC 6538	Time Zero	5.90E+05	N/A	
		15 minutes	5.18E+02	99.91%	3.06
	S. enterica ATCC 10708	Time Zero	2.53E+05	N/A	
		15 minutes	2.00E+00	99.9992%	5.10



RESULTS

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Safety Guidelines:

- Do not expose eyes or skin to UVC Light.
- Do not expose animals, reptiles, fish, plants or other living organisms to UVC Light.
- Keep room temperature between 68 to 80 degrees or extend sanitizing times.
- Cover paintings or valuable items while sanitizing.
- Ventilate the room well after use if there is an odor. Odor is from dirt, debris, and micro organisms being destroyed.
- Keep out of reach of children.
- Unplug when not in use.
- Never pull plug out of outlet by the cord.
- Never use in a wet environment or put in water.
- Close doors and windows during operation. If a door has openings around the frame that allow the UV light to leak through, make sure to cover them fully and keep your distance from the door.

EPA/FCC Compliant
Tool Klean EPA Registered # 94836
EPA Establishment #94836-NY-1

Tool Klean is proud to be an American company!
Our Products are US tested, assembled, packaged, and labeled according to strict EPA regulations.

Learn more about
Tool Klean Products
www.toolklean.com
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800-706-1677

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PLEASE CONTACT TECHNICAL SUPPORT FOR WARRANTY OR SERVICE ISSUES. EMAIL INFO@TOOLKLEAN.COM / PHONE 800-706-1677
SERVICE VIDEOS AVAILABLE ON WWW.TOOLKLEAN.COM