

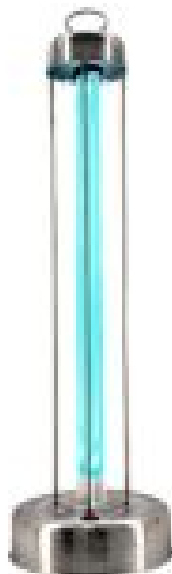


Tool Klean UV Tabletop Room Sanitizer User Guide

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**TOOL KLEAN ANTI-MICROBIAL
UV LIGHT STAINLESS STEEL TABLETOP
ROOM APPLIANCE – TK-1-SSRTT**



USER'S GUIDE

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Product Description

The Tool Klean UV 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 1,000 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 UV 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
- The steel ring at the top can be used for hanging the sanitizer if desired
- Excellent for both commercial and home use

PRODUCT PREPARATION:

- Carefully remove all wrapping around the tabletop & bulb.
- Remove the remote, battery, and cleaning cloth. Insert the battery into the remote.
- Place the 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 and pressing the red ON/OFF button either on the base of the unit or on the remote. 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. You will now begin to hear successive beeping coming from the unit. Immediately turn the unit off once the successive beeping occurs by pressing the red ON/OFF button on the unit or the ON/OFF 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 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

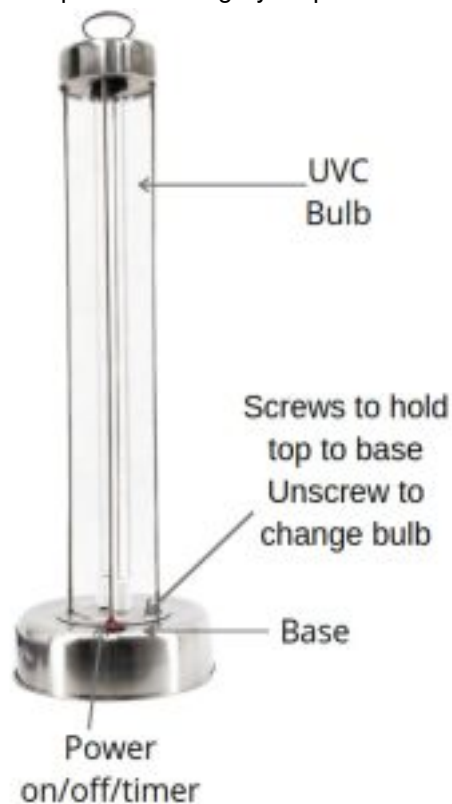
OPERATION:

- 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.

- Set the tabletop on a flat surface or hang the unit by its ring 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 ON/OFF button on the unit or remote.
- 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 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 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 your tabletop when not in use.
- Store safely and out of reach from children or pets.

Lamp can be hung by loop



SUGGESTED TIMING:

0 – 200 sq ft – 15 min
 200 – 500 sq ft – 30 min
 500 – 1000 sq ft -60 min

The 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	27.5"L x 8"W x 8"H
Unit Weight	4 lbs
Boxed Dimensions	8.9L x 8.9W x 24.5H
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/cm ²
Bulb wavelength	253.7 nanometers
Timer 15/30/60 Min	1 Min Safety Delay

1 year limited warranty

Register at <https://toolklean.com/pages/warranty-registration>

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- 7061677 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:

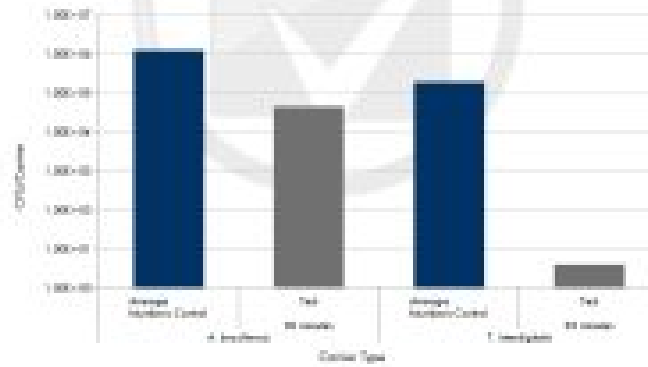
1. Unplug the tabletop from the power source.
2. Unscrew the four screws at the base of the unit and pull the top of the tabletop upward 1/2 way, exposing the black rubber bulb protector.
3. Remove the rubber bulb protector and finish removing the top.
4. Unscrew the two screws connecting the bulb to 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-andmanuals>

TO SYNC YOUR REMOTE TO THE TABLETOP:

1. Press and hold the 30 minute button on the base of the tabletop. With the other hand plug the unit into a wall socket. You will hear a beep and see a green light appear on the base. Unplug and release the 30 min. button.
2. Next press the 60 minute button on the remote and simultaneously press and hold the 60 min button on the base of the tabletop. With the other hand plug into a wall socket. The base will beep and a green light will appear.
3. Pull the plug and release the 60 minute button on both the remote and base. Test the remote syncing by pressing each button separately and waiting for the beep sound.
4. If the remote is still not synced, repeat the process 1-2 more times / See service video on remote syncing on <https://toolklean.com/pages/product-videos-andmanuals>

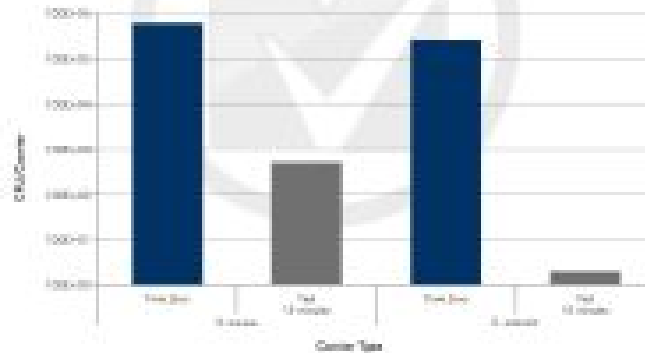
Results of the Study (cont.)- Tabletop UV Room Air

Test Device	Test Appropriation	Contact Time	Control Type	Average CFU/Carpet	Percent Reduction Compared to Control at Time Zero	Log ₁₀ Reduction Compared to Control at Time Zero
Tabletop UV Room Air	A. baumannii ATCC 19646	Time Zero	Numbers Control	1.12E+06	N/A	
		Time Point				
		30 minutes	Test	4.42E+05	61.12%	1.48
	T. indologidis ATCC 14622	Time Zero	Numbers Control	1.88E+06	N/A	
		Time Point				
		30 minutes	Test	4.00E+00	99.998%	4.87



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

Test Device	Test Microorganism	Control Time	CFU/Carrier	Percent Reduction Compared to Control at Time Zero	Log ₁₀ Reduction Compared to Control at Time Zero
Tabletop UV Room Air	ATCC 9642	Time Zero	5,800+00	100%	
		15 minutes	5,800+00	99.91%	3.00
	ATCC 9642	Time Zero	2,900+00	100%	
		15 minutes	2,800+00	99.999%	3.15



Safety Guidelines:

- Do not expose eyes or skin to UV Light.
- Do not expose animals, reptiles, fish, plants or other living organisms to UV 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.

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

info@toolklean.com

800-706-1677

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Plainview, NY 11803

PLEASE CONTACT TECHNICAL SUPPORT FOR WARRANTY OR SERVICE ISSUES.

EMAIL INFO@TOOLKLEAN.COM / PHONE 800-706-1677

SERVICE VIDEOS AVAILABLE ON WWW.TOOLKLEAN.COM

Documents / Resources

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