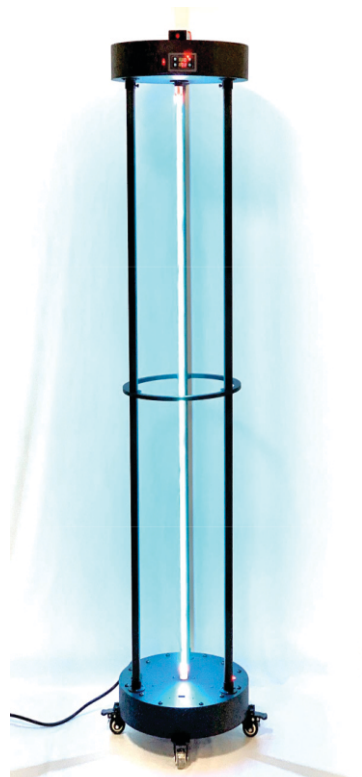


UVC STERILIZATION TUBE

> MEDICAL
> COMMERCIAL
> HOME USE
> RESTAURANT



LT-325W
SANILED

1545 E. CORONA AVE.
PHOENIX, AZ. 85040

Tel. 1(888)7 NEW NORM
uvcsaniled.com

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Product: UVC Sterilization Tube

Part No.: LT-325w

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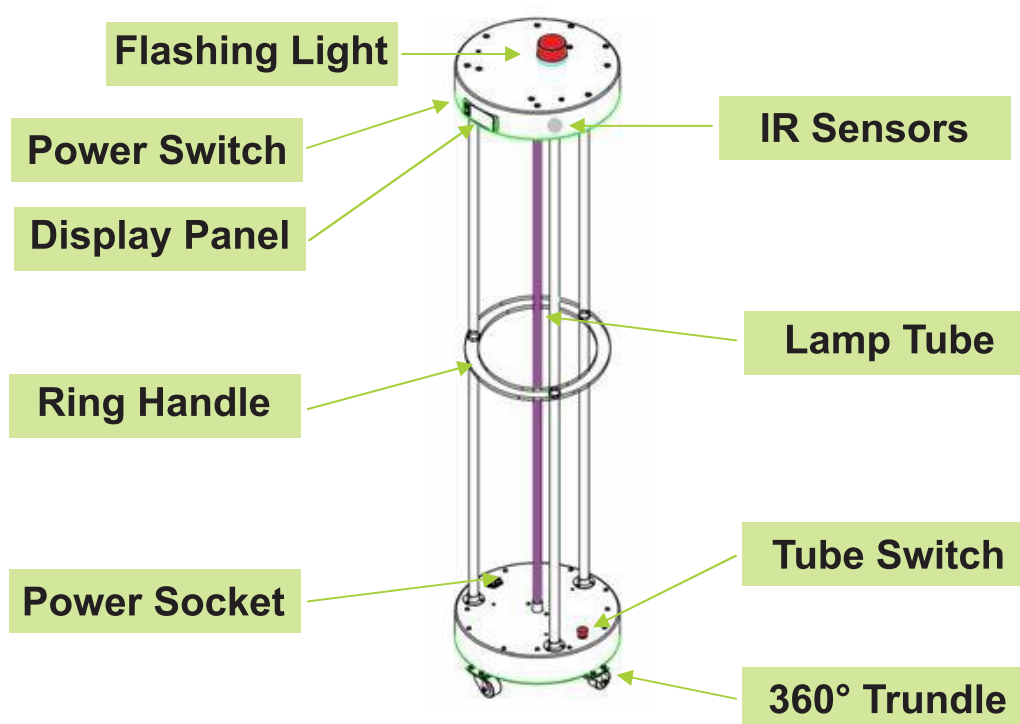
1. Brief Introduction:

LT-325 is a UVC tube germicidal lamp. The lamp is equipped with Philips TUV 325W XPT HO SE and Philips original TUV XPT driver system, which destroys the molecular structure of DNA and RNA of microbial cells to achieve the effect of sterilization and disinfection.

2. Specifications:

Model No.	LT-325
Size	φ 45cm / H: 182cm
Weight	18kg (with wires)
Tube Life	ube Life 12,000 hours
Tube Power	325 W
Total Power	400 W
Input Voltage	110-240VAC, 50Hz/60Hz

3. Outline of the Product: LT-325



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4. Precautions for Use:

- Before use, please make sure components are properly assembled and all terminals inside the supporting poles are connected. The equipment has undergone high-voltage insulation tests before delivery. However, in order to avoid accidents, please wear gloves and protective glasses during operation.
- This machine is equipped with three 120-degree infrared sensors for full-range monitoring to avoid accidental exposure of UVC to the human body during the operation. When the device detects moving objects within 5 meters of radius, the UVC lamp will be powered off. And automatically turn on the lamp when the object is away.
- The sensitivity will vary depending on the environment; keep the machine away from high temperature environment.

5. Start the Machine:

A. Connect the machine with AC110-240V, 50/60Hz wall plug.

***Total power consumption is 400W; make sure power supply is not overloaded.**

B. Set timer



C. Turn on the **Power Switch** to start the machine, press **Setting / Reset**, and Time-1 panel will start to flash, press **UP** or **Down** to calibrate time on Timer-1.

D. After setting Timer-1, press **Setting / Reset** again to jump to Timer-2, and press **UP** or **Down** to calibrate time on Timer-2. Press **Setting / Reset** to finish setup.

*Default value on Timer-1 is seconds, indicates the delay time for humans to leave.

*Default value on Timer-2 is minutes, indicates the sterilization time.

*To stop countdown on Time-1, press **Start / Stop**, and press again to resume.

*To reset Timer-1/2, press **Start / Stop**, and press **Setting / Reset** to reset.

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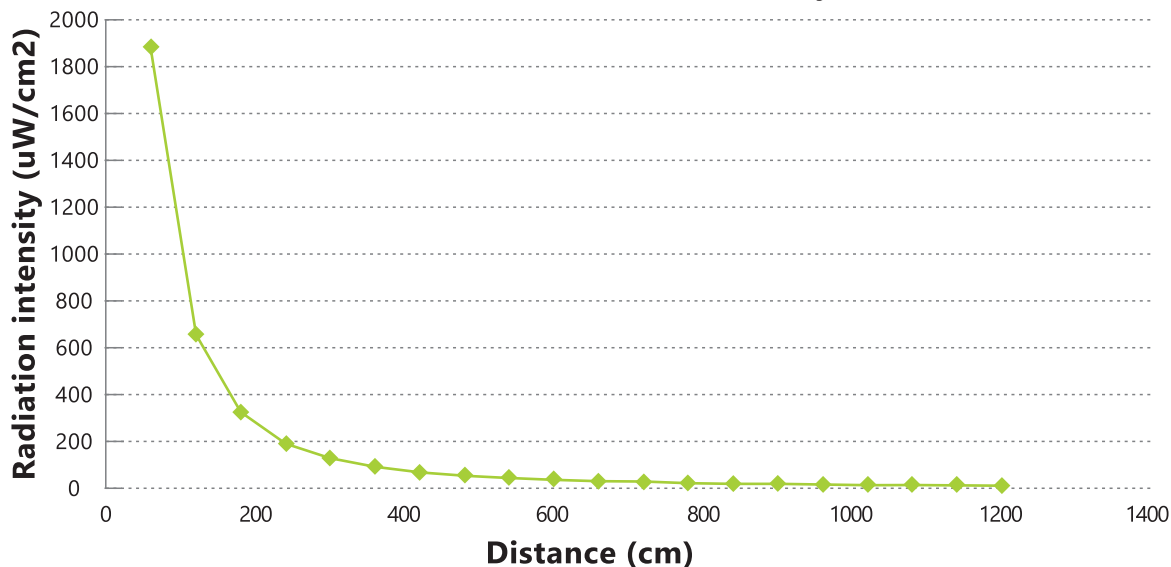
E. After time calibration, press **Start / Stop** to start the countdown, turn on the **Tube Switch**. After the countdown, the flashing light and IR sensors will start to operate. And the lamp tube will be automatically on/off for 2-3 times for self-calibration. Then the lamp tube will gradually warm-up in 3 minutes and reach its highest intensity.

F. The sterilization time is 60 minutes by default setting. The system stops lighting when the circle completed. xposed.

6. UVC distance / intensity chart:

NO.	Distance (cm)	UVC Intensity (uW/cm ²)	NO.	Distance (cm)	UVC Intensity (uW/cm ²)
1	60	1885.2	11	660	31.8
2	120	658.1	12	720	27.1
3	180	324.5	13	780	23.5
4	240	191.8	14	840	20.7
5	300	128.1	15	900	18.5
6	360	93.5	16	960	16.4
7	420	69.4	17	1020	15.1
8	480	54.8	18	1080	13.7
9	540	44.8	19	1140	12.3
10	600	37.3	20	1200	11.3

Distance and radiation intensity



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7. Sterilization Time for Reference:

FOR COVID-19

Tube Power (W)	Area (ft2)	Area (m2)	Sterilization Time (min)
325W	172 ft2	16 m2	3 min
325W	387 ft2	36 m2	5 min
325W	688 ft2	64 m2	10 min
325W	1208 ft2	122 m2	15 min

Test References & Facts:

- This test was based on Miyazaki University research paper of Nikkiso UVC LED which was published in the British scientific journal "Emerging Microbes & Infections" on July 31, 2020.
- The paper mentioned a test on Nikkiso UVC LED irradiation that caused a significant reduction in the infectivity of the new Corona virus.
- The result indicates that the infectivity of the new Corona virus was reduced with 30 seconds of exposing time, it was also confirmed that 10 seconds of exposing time can reach 99.9% of sterilization rate and 1 second is 87.4%.

WARNINGS AND SAFETY

- A LAMP BREAKING IS EXTREMELY UNLIKELY TO HAVE ANY IMPACT ON YOUR HEALTH. IF A LAMP BREAKS, VENTILATE THE ROOM FOR 30 MINUTES AND REMOVE THE PARTS, PREFERABLY WITH GLOVES. PUT THEM IN A SEALED PLASTIC BAG AND TAKE IT TO YOUR LOCAL WASTE FACILITIES FOR RECYCLING. DO NOT USE A VACUUM CLEANER.
- DANGER: RISK GROUP 3 ULTRA VIOLET PRODUCTS. THESE LAMPS EMIT HIGH-POWER UV RADIATION THAT CAN CAUSE SEVERE INJURY TO SKIN AND EYES. AVOID EYE AND SKIN EXPOSURE TO UNSHIELDED PRODUCT. USE ONLY IN AN ENCLOSED ENVIRONMENT WHICH SHIELDS USERS FROM THE RADIATION.