



ZIELTEQ



Unparalleled Disinfection with

**ZIELTEQ CUTTING-EDGE**

UV-C DISINFECTION  
TECHNOLOGY

**IT'S NOT JUST  
QUICK STERILIZATION.**

**IT'S 99.99% EFFICACY  
WITHOUT COMPROMISE.**

An absolute sterilization mobile system with advanced UV-C technology that deploys high-power UV-C at a wavelength of 254nm, which inactivates any microbes on any surface or in any environment at an irradiance of 3 meters.



# WHY ZIETEO?

State-of-art Technology for seamless disinfection

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## Significant time and money savings

Reduced disinfection cycle/procedure ensuring desired efficacy.

## Proven Efficacy at 3 meters radius

99.99% efficacy on microbiological testing has been verified and certified.

## Clean & Futuristic

Disinfection that is devoid of any toxic chemicals ensures safety of operator and durability of the equipments in the premises used.

## Convenient & Accessible

Need minimum supervision and training to operate using tablet.

## Advanced Time Log Reporting

A non resettable log of the entire Operating hours helps in reporting and Scheduling disinfection routines.

## Audible Warnings & IR Sensors

Integrated effective measures to ensure safety of the operator.

## Economical

Low cost compared to international counterparts.

## WHY UV-C?

## DISINFECTION WITH POWER OF LIGHT

A particular spectrum of UV radiation between 200 and 280 nm, the so called UVC spectrum, has been employed extensively as the germicidal range of UV radiation. At 254 nm wavelength, the irradiation on microbes destroys their genomic system (DNA or RNA) preventing them from replicating and surviving. Thus, effectively neutralizes them.



# Krieger320

## INTELLIGENT UV DISINFECTION SYSTEMS



Very high power, portable  
UV disinfection system



99.99% efficacy for  
3 minutes of operation



2600 W UV output



Operates with App on  
Tab provided



Company recommended working hour - 10 000 hrs that means  
3 minutes disinfection duration for at least 200, 000 times (*Two  
hundred Thousand*)



Highly reflective inner  
lining reflectors for maximum  
UV exposure to surrounding



Protective enclosure for UV  
lamps which open during  
operation and closes after  
disinfection



4 Sensors at the bottom and  
3 long range sensors on top to  
detect the human movement



\*With open lamp  
guards/Reflector



Castor wheel  
with break



Multi color LED  
indicator



UV safety  
sensors bottom



UV safety  
sensors Top



Lamp guard  
lids assembly

# Krieger210

## INTELLIGENT UV DISINFECTION TROLLEY



High-power, portable  
UV disinfection system



1250W UV output



99.99% efficacy for  
5 minutes of operation



Protective guards  
for UV Lamps



3 each sensors on top  
and bottom to detect  
the human movement



Operates with the  
App on Tab provided



Company recommended working hour 10,000 hrs.  
That means 5 minutes disinfection duration for at least  
120,000 (*One hundred & twenty thousand*) times.



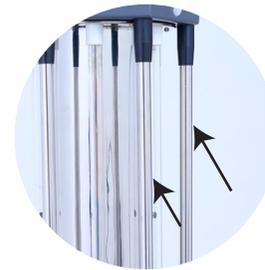
Castor wheel  
with break



Multi color LED  
indicator



UV safety  
sensors



Metal safety  
Guard



Metal body  
& frame



### EXTEND FOOD SHELF LIFE

Aids in industrial food processing and preservation by fighting molds and other microorganisms in the food while processing.



### KEEP YOUR HEALTHCARE FACILITY SAFER

Our smart solution enables health professional to efficiently achieve sterilization standards at the facility faster & effortlessly.



### A GERM FREE CHECK IN

Post-pandemic, thorough disinfection is in every traveler's itinerary. Our UV-C Solution makes it simple to create a sterile shared space in hospitality environment.



# NOT JUST ROUTINE DISINFECTION. IT'S THE FUTURE.

Adopts a more comprehensive approach to product design with integrated smart features to simplify the use of the device and assures operator safety without compromising its aesthetics.

# TECHNICAL SPECIFICATIONS

Model	KRIEGER 320	KRIEGER 210
Volts	220 - 240	220 - 240
Total Power Consumption	3500 Watts	1750 Watts
Weight	95 KG	60 KG
Dimensions	70cm L X 70cm W X 198cm H	54cm L X 40cm W X 135cm H

## UV LAMP DATA

Number of Lamps	8	6
UV Lamp Power	(Watts/Lamp) 320W (2560 Watts Total)	(Watts/Lamp) 210W (1260 Watts Total)
UV Wavelength	254 Nanometer	254 Nanometer
UV Power	0.8487 mW/cm <sup>2</sup>	0.6547 mW/cm <sup>2</sup>
UV Dose (for 1 minute Exposure)	61 mJ/cm <sup>2</sup>	45 mJ/cm <sup>2</sup>
Germicidal Efficacy	99.99%	99.99%
Average Effective Life	(Hours) 10,000	(Hours) 10,000



## APPLICATION TIMER

A microprocessor controller provides easily programmable treatment times in seconds and minutes (up to 10 minutes), to suit a variety of room sizes and special requirements.



## AUDIBLE WARNING

Provides an audible buzzer warning before the disinfection cycle begins to ensure the safety of the operator.



## ELAPSED TIME LOG

A non-resettable log of the entire operating hours in the app is useful for scheduling and recording maintenance & lamp replacement.



Do you think  
you know  
all about  
space sterilization?

**THINK AGAIN**

Get in touch



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Sterilization  
**PRO &  
BEYOND**

Raises the bar for  
**Expert sterilization standard**  
for your facility

IN JUST  
**3**  
MINUTES

