

MICROWAVE UV DISINFECTIONS

INTENZA

MOBILE UNIT MICROWAVE UV STERILIZER

The Intenza Mobile Unit Microwave UV Sterilizer is designed for the sterilization, air purification, deodorization and formaldehyde removal in spaces with the spaces up to 60 m3. It functions by irradiating the DNA of microorganism, ultraviolet disinfection lamp destroys the structure of DNA and makes it lose the function of reproduction and self replication. It can kill pyogenic coccus, enteropathogenic bacteria and common bacteria in the air.



PRODUCT FEATURES

- Purifies & Deodorizes the air
- Portable for Wider Usage
- Targets DNA of Microorganisms
- Energy-efficient
- Clears the air of formaldehyde

APPLICATION AREAS

- Factory
- Malls
- Schools
- Waiting rooms
- Offices
- Cinema

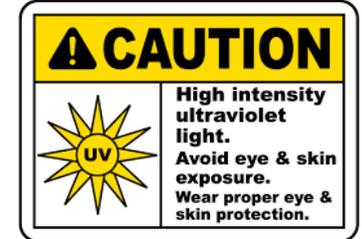
PRODUCT SPECIFICATIONS

PARAMETERS	INDEX
Power	1280 W
Voltage	110V / 277V, 50/60Hz
Power Factor	> 0.90
Dimensions	47.24 X 39.37 X 7.87 in
Weight	139 lbs
Wavelength	254 nm
Sterilization Efficiency	>99.99%
Housing	Stainless steel frame (Resistant to corrosion)
Warranty	1 Year
UV Radiation Intensity	≥ 0.12 μW / sq ft
Type Of Ultraviolet Tube	Electrodeless Ultraviolet Tube - 0.35 in Length - 0.74 in Diameter
Noise	≤ 55 dB
Manner Of Powering Tube	2450 MHz Microwave
No. Of Tubes	15
Antibacterial Rate	90 % - 100 %
Sterilization Technology	UVC+ Ozone, Electrodeless UV tube is used (Electrodeless tubes, driven by microwave, with strong UV rays and long lifespan.) Ozone can disinfect every corner, Electrodeless tubes has 50% less power consumption
Coverage area	1610 sq ft
Disinfection time	0-120 Minute timing
Package size	1 pcs, Pallet size 47.24 x 17.71 x 59.05 in
Gross weight	147.71 lbs

HUMANS AND UVC

When it comes to the usage of UVC as a disinfection technology, it is important to be mindful of the following safety guidelines:

- According to FDA guidelines, UV units should always be installed properly by trusted professionals and used by trained individuals only to avoid any risk.
- Before starting the UVC disinfection process make sure the room or the desired area is empty.
- If personnel have to present at the site, the use of personal protective equipment (PPE) is recommended to protect their eyes and skin from any possible risk.
- Never look directly at a UVC lamp, even briefly.
- While excessive exposure to UV can result in damage to the eyes (keratitis and conjunctivitis) and the skin (erythema), most such symptoms usually resolve within 24 to 48 hours. Most of the UVC gets absorbed by the outer dead layer of the human skin that minimizes the risk.
- According to CDC and NIOSH, for UVC at wavelength 253.7 nm, the recommended exposure limit (REL) is 6 mJ/cm² for a daily 8-hour work shift.
- Prolonged exposure to UV can cause photo degradation of organic and synthetic materials such as plastic, polymers and dyed textile.
- Some UVC lamps contain mercury that is toxic even in small quantities. Hence, extreme caution is required when such lamps break to either clean them or to dispose them.
- Hang a warning sign outside the room while UVC cycle is running.
- Use UVC devices with wireless control systems as much as possible.



ORDERING INFORMATION

SKU	Product Codes
662187548913	AX-INTNZ-SD-UV-PT-1280W
	AX - Axenic
	INTNZ - INTENZA
	SD - Surface Disinfection
	UV - Ultra Violet Light
	PT - Portable
	XXXXW - Wattage