

# UV TECHNOLOGY

UV technology includes the curing or drying of materials such as inks and coatings; disinfection for viruses and bacteria; hygiene and infection control; fluorescent inspection; and tanning.

# UVC

UV-C is a part of the ultraviolet light spectrum can be used for disinfecting water, destroying harmful microorganisms in other liquids, on surfaces, on food products and in 'air'. With UV-C technology it is possible to destroy more than 99.99% of all pathogens within seconds, without addition of chemicals, without harmful side effects, inexpensively, highly efficiently and absolutely reliably.

# UV DISINFECTION BOX

UV disinfection Box is a UV sterilizing system which can sterilize the surface of almost everything which can be fit into the box like mobile phone, vegetables, mask, personal associers , Cuttlerry. This disinfection happens due to UV-C light

### Key Features

- ✓ 360 Degree UV light output.
- ✓ Kill time is very less.
- ✓ Patented Reflector technology used in UV - C.
- ✓ 70 % Higher UV output than other available products in the market.
- ✓ Govt certified



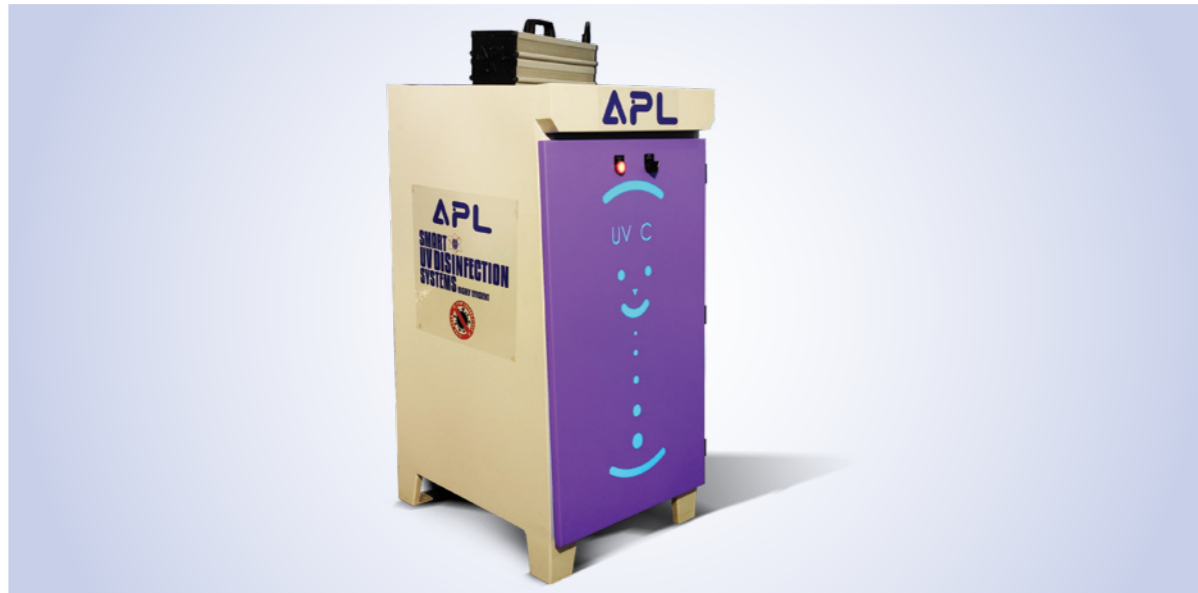
### TECHNICAL SPECIFICATIONS

	30 Ltr box	52 Ltr box
1. Capacity-	30 Ltrs	Capacity - 52 Ltrs
2. Number of LAmps -	6	Number of LAmps - 6
3. Power Required -	72 W	Power Required - 72 W
4. LAMP LIFE -	9000 Hours	LAMP LIFE - 9000 Hours
5. LAMP WAVELENGTH -	254nm	LAMP WAVELENGTH -254nm
6. KILL TIME - Metallic and plastic Substrate - 30 secs, Vegetable, fruits and food items is 3- 5 mins		KILL TIME - Metallic and plastic Substrate - 30 secs, Vegetable, fruits and food items is 3- 5 mins
7. Auto Temperature safety		Auto Temperature safety
8. Exhaust system		Exhaust system

# UV CHAMBER

UV disinfection Box is a UV sterilizing system which can sterilize the surface of almost everything which can be fit into the box like mobile phone, vegetables, mask, personal associates , Cuttlerry. This disinfection happens due to UV-C light.

This can be used in hospitals, industrial use, restaurants.



## TECHNICAL SPECIFICATIONS

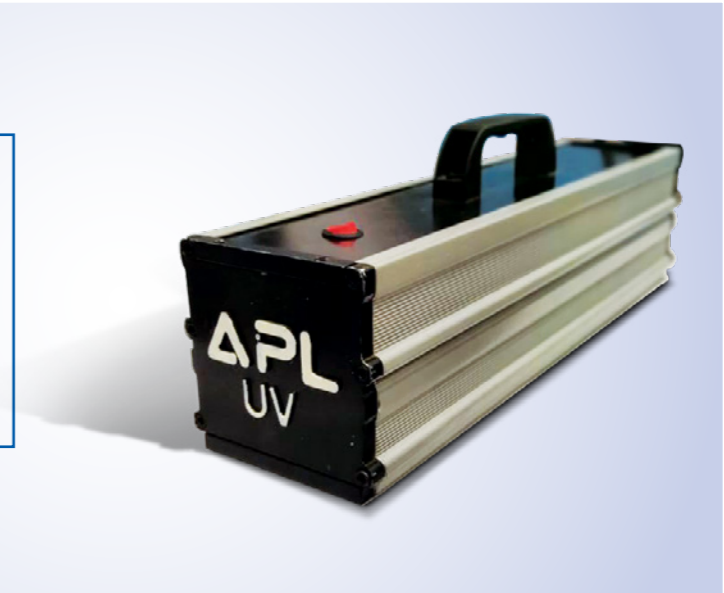
1. Dimensions-
2. Number of Lamps - 6
3. Power Required - 124 W
4. Lamps - 6
5. LAMP LIFE - 9000 Hours
6. LAMP WAVELENGTH -254nm
7. KILL TIME - Metallic and plastic Substrate - 30 secs, Vegetable, fruits and food items is 3- 5 mins
8. Auto Temperature safety
9. Exhaust system
10. Application - Helmet, laptop, Delivery Food, Courier Parcels,laptop bags, vegetables, files and everything else which fits in the box.

# UV HAND HELD

Hand held Uv is a Portable UV disinfection system which can be used to and can be taken anywhere and can disinfect any kind of material by just holding it onto the surface for 15 seconds.

## Key Features

- ✓ Instant on and off button on the body
- ✓ Userfriendly
- ✓ 70 % extra UV energy than other UV systems in the market
- ✓ Rugged Aluminum body.



## TECHNICAL SPECIFICATIONS

1. Size - 10"
2. Voltage - 220 AC
3. Type - air cooled
4. AMP - 0.45 A
5. Wavelength - 50-100NM
6. Lamp temperature - 40 degrees
7. Government certified
8. User friendly

# UV CONVEYOR

UV Disinfection Conveyor is equipped with a UV disinfection zone, designed to reduce microbiological contamination on the surface of foods, such as meat, fish, fruits, vegetables, seeds, packaging materials, pharmaceuticals and wherever disinfection and sterilisation is essential. Aimed to disinfect anything and everything.

It can be Used in Airports , Restaurants , hotels, office entry, hospitals, industries and many other places.

It can also be customised as per the need of the person.

## Key Features

- ✓ **Plug and Play system**
- ✓ **4x faster kill time than other products available in market**
- ✓ **Can be moved on wheels**
- ✓ **Beautiful looks so it can be kept anywhere.**
- ✓ **No Exposure of light onto people using it.**



## TECHNICAL SPECIFICATIONS

1. Size - 20"
2. Power - 1 kw
3. Voltage - 220 AC
4. Lamps - 10
5. Lamp life - 9,000 hours
6. Dimensions - 1830 L x 785" W x 1480"H (MM)
7. Government certified
8. Kills in less than 30 seconds
9. Auto temperature safety
10. Uv Disinfection Area - 1.5 feet x1.5 feet x 3 feet
11. Smart safety features
12. Proper exhaust system

# BLASTERS

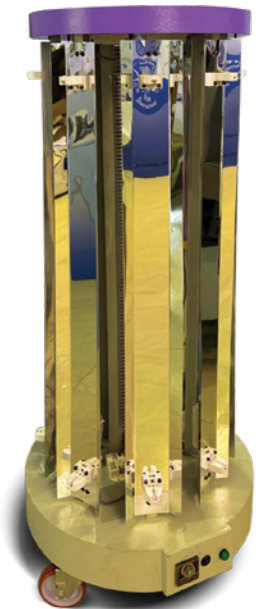
UV blaster is a UV based area sanitiser useful for high tech surfaces like electronic equipment, computers and other gadgets in laboratories and offices that are not suitable for disinfection with chemical methods. The product is also effective for areas with large flow of people such as airports, shopping malls, metros, hotels, factories, offices, etc. The UV based area sanitiser may be used by remote operation through laptop/mobile phone using wifi link. The sanitiser switches off on accidental opening of room or human intervention. It is also being considered as the key to arm operation.

## TECHNICAL SPECIFICATIONS

1. Dimensions :- 525mm dia x 1384mm
2. Number of lamps :- 12
3. Total power 310 W
4. Disinfection time:- 8- 15 mins depending on size fo the room
5. Silicon wheels for easy transportation on uneven surfaces

## Key Features

- ✓ **Operated by remote**
- ✓ **Auto timer**
- ✓ **360 degree UV light exposure**
- ✓ **Easy to move 2x Fast kill time than other players in market**



# UV DISINFECTION ESCALATORS HANDRAILS

It is an amazing technology developed by APL for disinfection of handrail belts for Escalators in which the rubber belt which people hold on while using the escalators can get infected with viruses and germs which gets killed by our System through UV- C

This is something uniquely designed by APL to kill the virus while the handrail belt moves at it's Full speed.

## TECHNICAL SPECIFICATIONS

1. Dimension:- It's totally depended on the type on escalators you want to use on
2. Lamp power - Ranges from 30 watts- 300 watts
3. Can be synchronized with working of the belt of handrail
4. Consistent UV output
5. Auto Belt Cleaning system

## Key Features

- ✓ **4 Second kill time**
- ✓ **Easy to install**
- ✓ **Easy to maintain**
- ✓ **Its elegant design matches perfectly with the escalator design**



# WHY CHOOSE APL UV DISINFECTION SYSTEMS?

## Reliable UV-C output

All APL UV-C low pressure mercury lamps contain a unique coating on the inner glass wall. This ensures UV-C output never drops below 85% of initial output over the useful life of the lamp.

## Lowest mercury content

Our unique mercury capsules optimize performance with precise dosing using the lowest possible amount of mercury in the lamps, and no mercury emission during manufacturing.

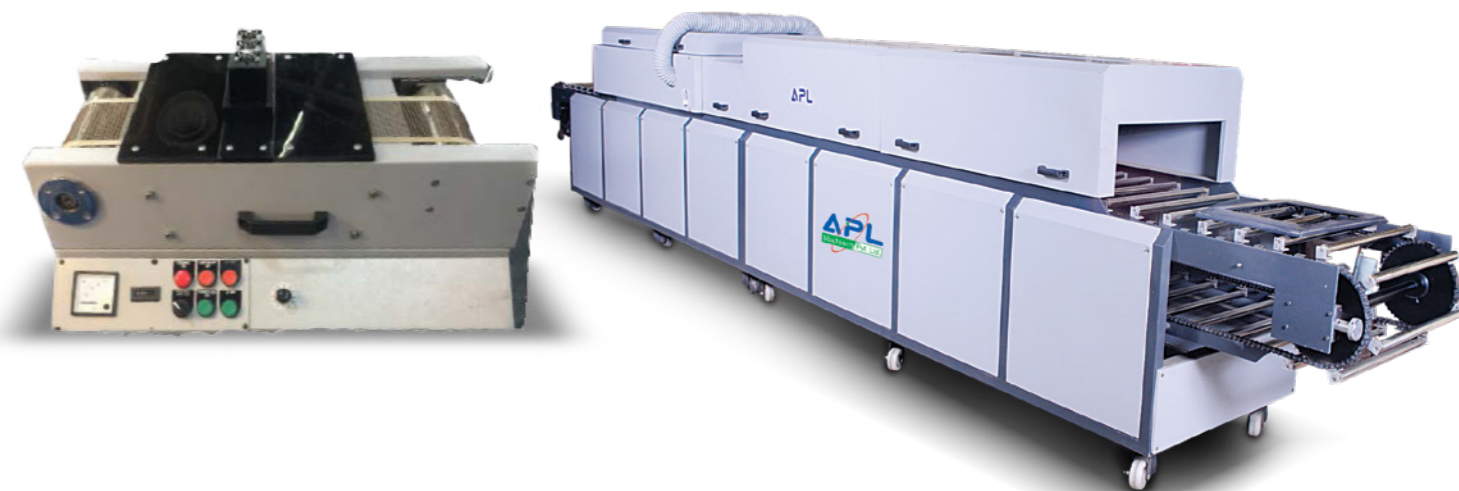
## Highest lamp quality

Cutting edge automated production lines are used for electrode processing and emitter dosing. All lamps are checked to verify they meet our requirements to guarantee consistent quality.

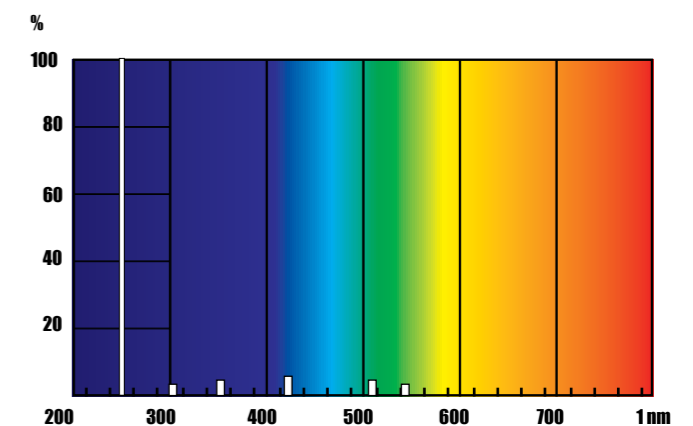
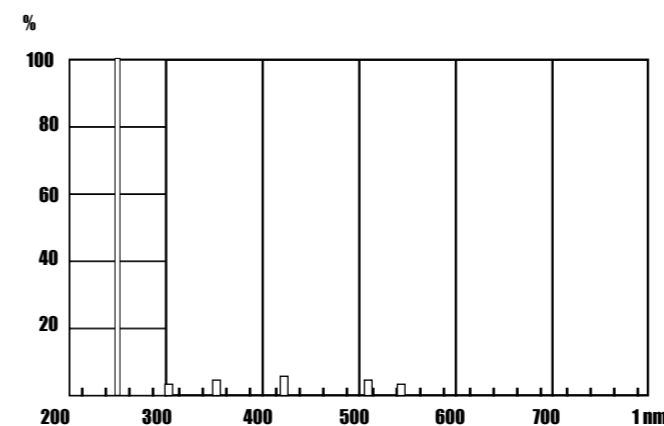
## Proven experience

We have a proven track record in innovative UV-C solutions optimised for each application. All backed by solid development support. 21 Years of experience.

# WE CAN CUSTOMISE THESE UV SYSTEMS IN VARIOUS SIZES



# PHOTOMETRIC DATA





**Thank You  
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