



PRODUCT CATALOGUE

UV-C DISINFECTION PRODUCTS

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ASK
Innovations



YOUR



SAFETY



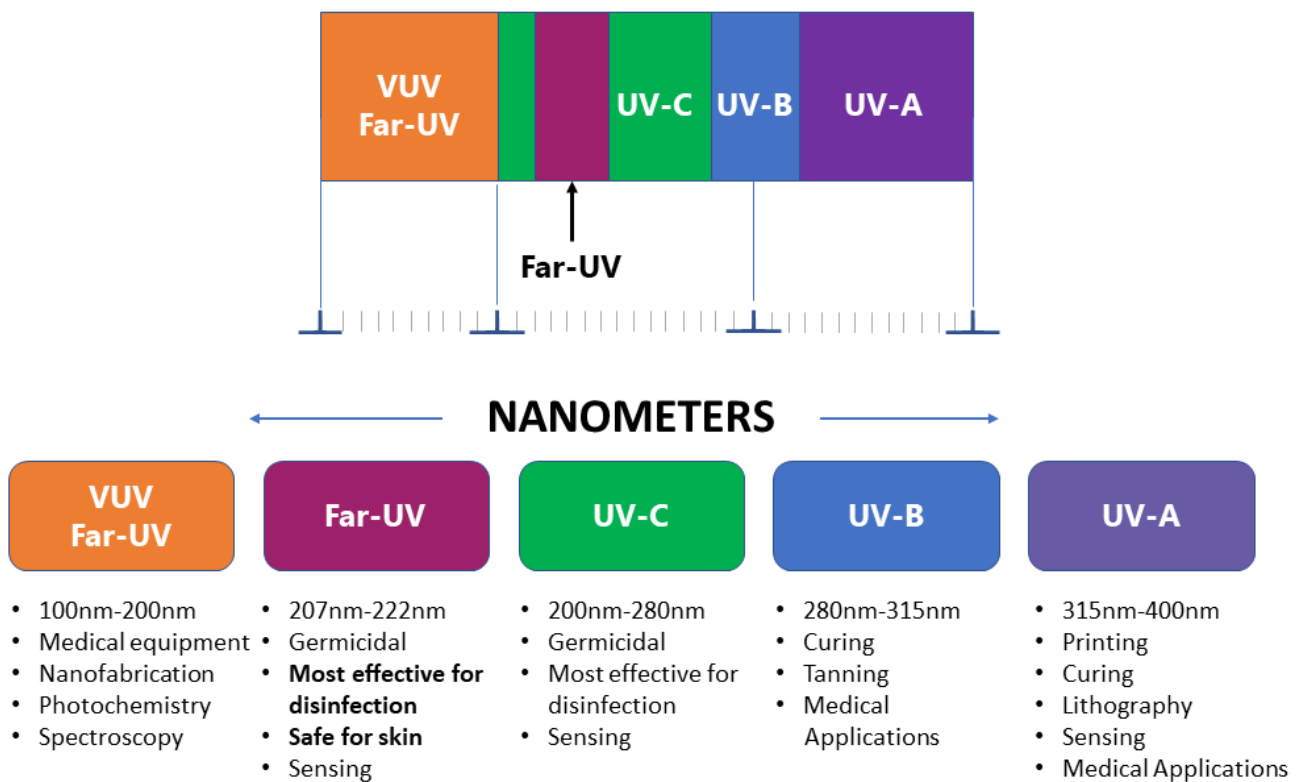
IS OUR



PRIORITY

UV TECHNOLOGY

Ultraviolet (UV) is a form of electromagnetic radiation with wavelength from 10 nm to 400 nm, shorter than that of visible light but longer than X-rays. Short-wave ultraviolet light damages DNA of pathogens and sterilizes surfaces with which it comes into contact. Research done by Centre for Radiological Research at Columbia University Irving Medical Centre, USA found that usage of far ultraviolet C (far-UV-C) light can kill viruses, germs, bacteria and pathogens without harming human tissues. Broad-spectrum UV-C light, which has a wavelength of between 200 to 400 nanometers (nm), is highly effective at killing bacteria and viruses by destroying the molecular bonds that hold their DNA together.



Far-UVC light has a very limited range and cannot penetrate through the outer dead-cell layer of human skin or the tear layer in the eye, so it's not a human health hazard. As the viruses and bacteria are much smaller than human cells, far-UVC light can reach their DNA and kill them.

Research suggests that use of far-UVC light in Hospitals, Clinics, Hotels, Malls, Corporate Centres & Offices, Supermarkets, Factories, Retail Shops, Gated Communities, Education Institutes, Cinema & Banquet Halls, Airports, Railways, Public Transports, Religious Places and other public spaces could provide a powerful check during epidemics and pandemics.

1 NON-TOXIC TECHNOLOGY

The most important benefits of UV-C light disinfection is that it's non-toxic. Unlike harsh chemicals that are used in cleaning and sanitization products, UV-C light is environment friendly.

UV-C light disinfection is a physical process, not a chemical one, and hence it is safe for use on food as well as non-food items.

While human beings can be harmed by excessive UV exposure, our Product are designed to ensure proper protection, which makes it safe and non-toxic disinfection method across applications.

2 EXTREMELY EFFECTIVE

UV-C light disinfection method can be far more effective than other methods. UV-C light kills a wide array of harmful organisms including Mold Spores (Fungus), which traditional disinfection methods may not.

Traditional disinfection methods may also leave a damp environment where Fungi can thrive.

Since UV-C disinfection is a dry method, you can be sure that it will take care of existing Mold and prevent its growth in the future.

3 KILLS PATHOGENS WITHOUT IMMUNITY

The development of antibiotic-resistant bacteria is a significant problem in the medical community. Unlike traditional disinfection methods, UV-C light disinfection is a physical method for killing bacteria.

Therefore, bacteria in question cannot build immunity to it. That's a huge advantage, particularly for hospitals and allied services.

UV-C DISINFECTION BENEFITS

4 LONG LIFE

UV-C disinfection products have a long working life.

Most of these products have a life of around 50000 working hours (which is almost 10 years and above).

6 SAFETY

Commonly people tend to associate UV exposure with risks such as sunburn, but the key thing to understand is that UV-C light is safe if used properly.

Our designs have built-in safety systems to ensure humans are not directly exposed to the UV light.

5 AFFORDABLE

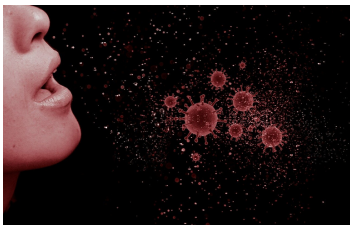
UV-C disinfection is an affordable sanitization method. UV-C light mechanisms are a onetime investment and does not require any recurring consumable cost which can save your time and money for years.

UV-C Disinfection products require negligible maintenance over the life of the product.

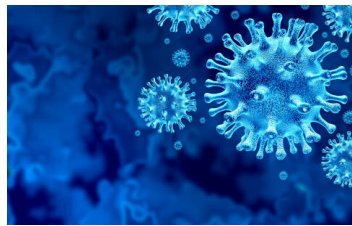
BEST IN CLASS

UV-C DISINFECTION PRODUCTS RANGE

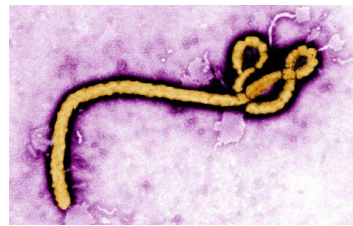
Over the period of time we have seen multiple virus outbreaks which have highly affected the social and Business interactions. In order to ensure better Business Continuity, ASK Innovations introduces a range of UV-C Disinfection devices.



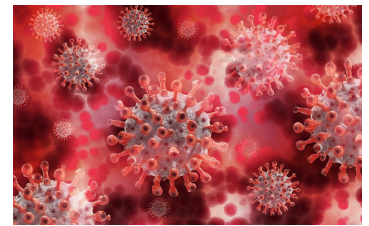
Influenza



SARS



EBOLA



COVID 19

These devices use unique technology to deliver a fast and effective germicidal dose of continuous waves of UV-C energy, which results in killing of germs, viruses, bacteria, fungus and pathogens.

UV-C TOWER

UV-C ARM

UV-C TUNNEL

UV-C GATE

UV-C BOX
& CHAMBER

UV-C WARDROBE

Most of our products are built using Induction lamp technology, having following advantages over other lighting technologies:

- High product life – Induction lamps have life of around 1,00,000 working hours as compared to 50,000 working hours for LED and around 10,000 working hours for Filament based tube lights.
- Output efficiency for Induction is around 99% as compared to 85% for LED and less than 50% for Filament tube light
- No risk of damage due to voltage fluctuation in Induction mechanism (supporting high number of Switch On & Off)
- Lowest heat generation among all lighting technology
- Max. Output angle coverage is 340 Deg. in Induction

UV-C TOWER

UVC Tower is an effective Room Disinfection device. It is used to thoroughly disinfect enclosed rooms within a few minutes.



FEATURES & BENEFITS

- Lamp type - Induction (240 Watt / 600 Watt)
- Motion sensors to automatically shut off device if someone enters the room during the disinfection cycle
- Timer mechanism for auto off post disinfection cycle
- Robust mechanism for movement and locking
- Disinfection time - 20 mins

APPLICATIONS

HOTELS

ROOMS, LOBBIES, BANQUET HALLS, RESTAURANTS

HOSPITALS

ROOMS, OPERATION THEATRES, LABS

OFFICES

CABINS, CONFERENCE ROOMS, WORK AREAS, SHARED WORKING SPACES

EDUCATIONAL INSTITUTES

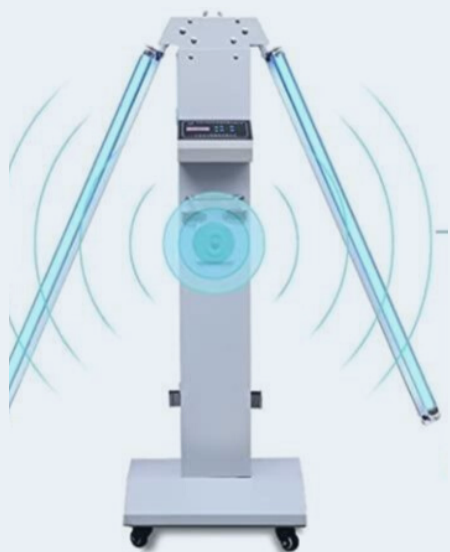
CLASSROOMS, LABS, CANTEEN, AUDITORIUM, LIBRARY

COMMON PLACES

PLACES OF WORSHIP, CINEMA HALLS, GYMS, SPAS.

CONSTRUCTION

SHOWROOMS, RETAIL SHOPS, SAMPLE FLATS, OTHER SALES OFFICE



UV-C ARM

UV-C Arm is a manually driven disinfection device for focused germicidal dosage.

FEATURES & BENEFITS

- Lamp type - Induction (160 Watt)
- Timer mechanism for auto off post disinfection cycle
- Easy to manoeuvre manually
- Disinfection time - 20 mins

APPLICATIONS

DISINFECT AIRPLANE CABINS

AFTER EVERY FLIGHT

DISINFECT TRAIN COMPARTMENTS

BEFORE EACH JOURNEY

DISINFECT CABINS

PUBLIC TRANSPORT BUSES AND SCHOOL VANS

DISINFECT CARS

POST SERVICING BEFORE HANDING OVER TO CUSTOMER

DISINFECT OFFICES

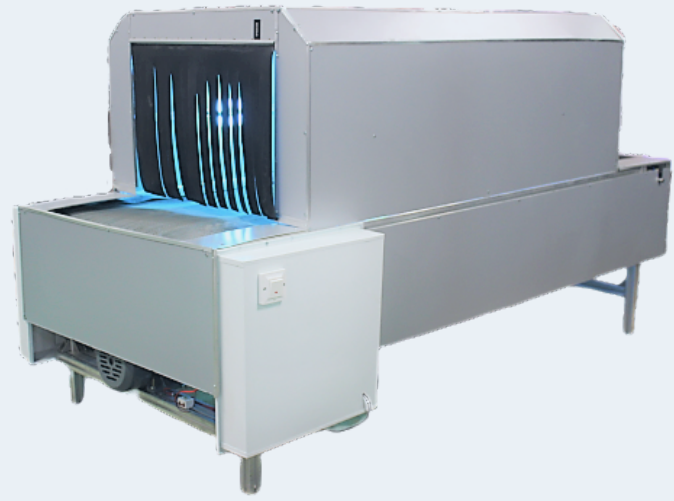
CABINS, CONFERENCE ROOMS, WORK AREAS

DISINFECT EDUCATIONAL INSTITUTES

CLASSROOMS, LABS, CANTEEN, AUDITORIUM, LIBRARY

UV-C TUNNEL

UV-C Tunnel is a conveyor-based disinfection solution used for disinfection of material before entering a premise



FEATURES & BENEFITS

- Lamp type - Induction (480 Watt) UV-C lamp at bottom of Conveyor ensuring 360 Deg. coverage of material
- High wattage based germicidal dosage to ensure quick disinfection within 20 seconds
- Sensor based mechanism to auto start the disinfection cycle Robust design with weight carrying capacity up to 75 kgs*
- Comfortable tunnel size of 24" (width) X 22" (height)*

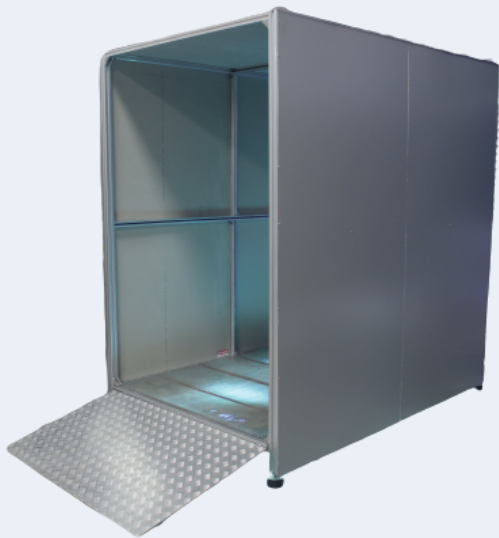
*Can be Customized as per customer requirements

APPLICATIONS

DISINFECT INCOMING MATERIAL AT MANUFACTURING FACILITIES

DISINFECT BELONGINGS (BAGS, PURSES, LUNCH BOX) OF EMPLOYEES / CUSTOMERS ENTERING

OFFICES | FACTORIES | MALLS | SUPERMARKETS | RETAIL CHAINS | HOSPITALS | HOTELS, RESTAURANTS | AIRPORTS | RAILWAY STATIONS | BUS STATIONS | EDUCATIONAL INSTITUTES | GATED COMMUNITIES | PLACES OF WORSHIP



UV-C GATE

UV-C Gate is a unique Walk Through product to disinfect Human beings while entering any premise using UV-C light. This UV-C Gate is also equipped with Disinfection sprinklers to ensure proper sanitization.

FEATURES & BENEFITS

- Lamp type - Induction (120 Watt) UV-C lamp at floor of Gate to ensure maximum coverage
- 3 Feet wide entrance
- Comfortable walk through height of 6 ½ feet
- 2 Meter walk through length for proper disinfection
- Additional provision can be made for body temperature recording
- Easy to assemble and install

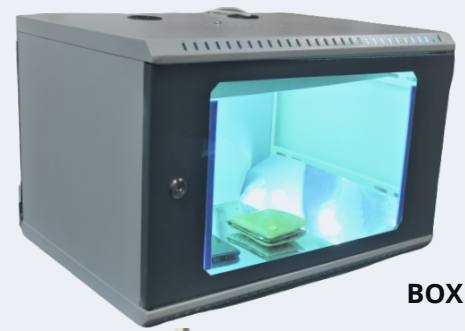
APPLICATIONS

DISINFECT ENTRANCES

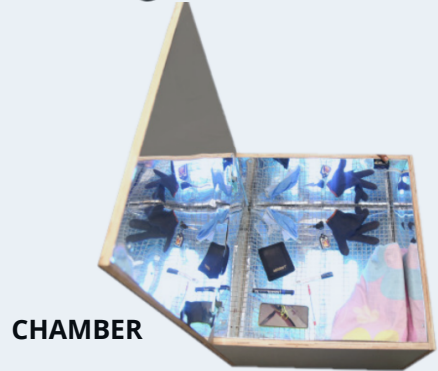
OFFICES | FACTORIES | MALLS | SUPERMARKETS | RETAIL CHAINS | HOSPITALS | HOTELS, RESTAURANTS | AIRPORTS | RAILWAY STATIONS | BUS STATIONS | EDUCATIONAL INSTITUTES | GATED COMMUNITIES AND PLACES OF WORSHIP

UV-C BOX & UV-C CHAMBER

UV-C Box & UV-C Chamber are enclosed devices for disinfection of small to medium size items.



BOX



CHAMBER

FEATURES & BENEFITS

- Lamp type - Induction (40 Watt)
- UV-C Leak proof enclosures
- Disinfection starts only on closing of enclosure door and stops if door is opened during the cycle
- Timer mechanism to auto stop post pre-defined disinfection cycle
- Standard capacity of Box is 30 Litres and of Chamber is 50 Litres

APPLICATIONS

CHAMBER IS USED FOR DISINFECTION OF MEDIUM AND LARGE SIZE ITEMS

HOSPITALS & CLINICS: MEDIUM SIZE INSTRUMENTS AND LINEN

HOTELS / RESTAURANTS: LINEN, CUTLERY ITEMS, MENU CARDS, NEWS PAPERS

PHARMA & FOOD COMPANIES: INSTRUMENTS AND CONSUMABLES

FACTORIES: TOOLS & SMALL SIZE EQUIPMENT

GYMS & SPAS: DUMBBELL / BARBEL EQUIPMENT, LINEN, TOWELS ETC.

BOX IS USED FOR DISINFECTION OF SMALL SIZE ITEMS

HOSPITALS & CLINICS: FOR INSTRUMENTS, STETHOSCOPES, GLASSWARE, MEDICAL CONSUMABLES, PPE KITS ETC

OFFICES & HOMES: FOR PERSONAL ITEMS LIKE WATCHES, WALLET, PURSES, MOBILE PHONES, KEY CHAINS ETC.

HOMES: FOR GROCERY PACKETS, VEGETABLES, FRUITS ETC.



UV-C WARDROBE (CUSTOM MADE)

UV-C Wardrobe is a customised enclosure for disinfection of garments and similar items.

FEATURES & BENEFITS

- Lamp type - Induction
- UV-C Leak proof enclosures
- Disinfection starts only on closing of enclosure door and stops if door is opened during the cycle
- Timer mechanism to auto stop post pre-defined disinfection cycle

APPLICATIONS

HOSPITAL / CLINICS

DISINFECT APRONS, TOWELS, BED SHEETS AND OTHER GARMENTS

HOTELS / RESTAURANTS

FOR LINEN

PHARMA & FOOD COMPANIES

FOR APRONS & OTHER PPE

GYMS & SPAS

FOR CUSTOMER CLOTHES, LINEN, TOWELS ETC.

Company Overview

ABOUT US

ASK Innovations is a Customized Automation solution provider.

At ASK Innovations we firmly believe that automation will help your organization to improve Productivity, Quality, Safety, Consistency and Throughput.

We study your processes to identify opportunities for automation and design bespoke mechanisms.

Our Customized Automation Solutions leads to following advantages:

- Reduction in Process Cycle time to increase capacity and elimination of bottleneck impact in manufacturing flow
- Improvement in ease of Operations & Ergonomics which directly improves productivity per person
- Elimination of Defects observed in processes and improve the reliability of the final product
- Built-in Operator Safety for risky operations
- Optimization of manpower on the shop floor
- De-skilling of operations with an apt mechanism
- Reduction in Operations cost

OUR PRODUCTS



Special Purpose Machines



Testing & Inspection Machines



Low Cost Automation



Material Handling And Moving Solutions

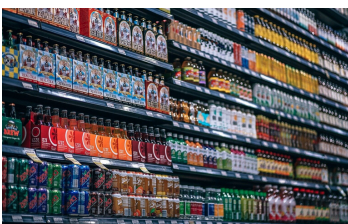


Industrial Manipulator

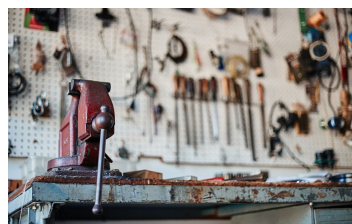


Jigs & Fixtures

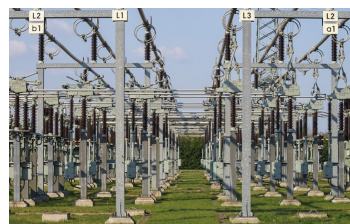
INDUSTRY SERVED



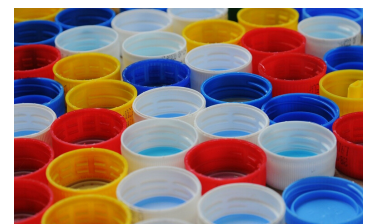
FMCG



TOOL MANUFACTURING



ELECTRICAL GOODS



PLASTIC INJECTION MOULDING


CONTACT US

For your requirements for UV-C Disinfection products, Automation / SPM or interested in working with us as a Partner.



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