

Auto Disinfection UV Conveyor

99.99% germs free

Simple & Chemical free

UV Conveyor is designed for simple operation and can disinfect germs at 99.99% of small components within 2 minutes

Inexpensive

UV Conveyor is economical to Purchase and even more economical to use Disinfection at meager cost of RS. 50 / Day. System requires minimal maintenance & UV tubes are with long working hours & with easy availability

Reliable

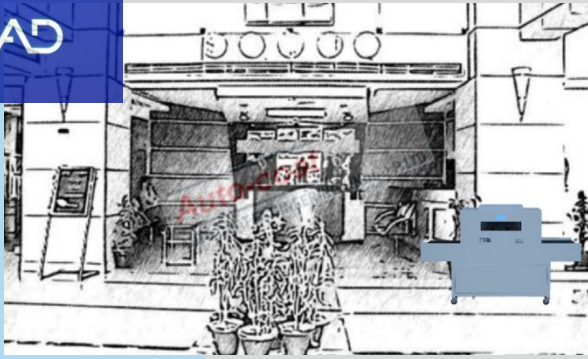
UV Tubes are Philips make with Proven output. Conveyor is in SS and all Components are of high quality & construction to offer long lasting, reliable disinfection 360 degree all round

Safe Operation

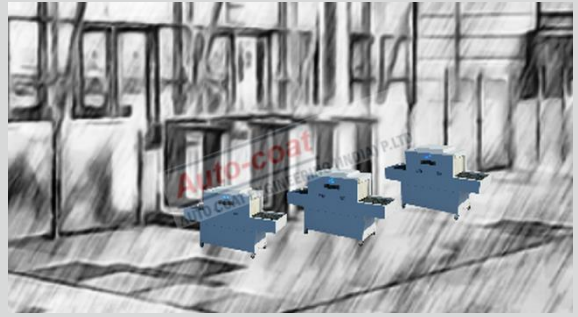
All UV Tubes are totally concealed and easily accessible for maintenance

Auto Disinfectant UV Conveyor Design is most Powerful.

- UV Conveyor is designed with extremely high UV Dose to deactivate pathogens in 1.5 mins. and as per UV Dose formula
- UV dose formula = Intensity ($\mu\text{W} / \text{cm}^2$) x exposure time (seconds)
- Intensity is dependent on distance between tube & surface to be disinfected (near the surface, higher is the intensity as well as reflectivity inside the chamber)
- Intensity is also dependent on number of tubes and UV wattage of Tubes



CORPORATE OFFICES & IT PARKS



LARGE FACTORIES



AIRPORTS



MALLS & SHOPPING CENTERS



Fruits



Purse



Laptop Bag



Files



Tiffin Box



Carton



Shoes

(Maximum size of items 400 W x 600 D x 300 H)

Areas of Application

(1 Unit suitable for personal articles of 100 to 150 persons per hour)

- **Corporate office & IT parks** (at entry point)
- **Hospital** (at ICU exit, at OT entry, at Hospital entry point)
- **Airport** (at check-in points)
- **Malls** (at entry point)
- **Shopping center** (at entry point, for changing room, after trial...etc)
- **Hotel** (at entry point)
- **Pharmaceutical factory's** (at entry point)

Features

- Consistent UV curing on left, right, top and bottom allows 360 Degree Disinfection
- UV tubes are easily accessible & can be cleaned easily
- Better mirror reflectivity for efficient working
- SS conveyor allows effective disinfection underneath the items
- Keypad with 4 options of 60 / 30 / 10 / 5 minutes to meet requirement of peak / mid peak / lean / single guest so that unit is switched off, thus saving of UV energy



Auto Disinfectant UV Conveyor

Specifications

Sr. No.	Items	Details
1	Maximum UVC intensity	200 mW / cm ²
2	Line Speed	0.5-3 mtrs. /minute
3	Width of illuminated area from top	600 mm
4	UVC Wattage	320 W
5	Maximum Part Height	300mm
6	O/A Dimensions (mm)	800 W x 1300 H x 2000 L

Our engineers will give online training / manual to operator for safe operation of UV Conveyor.

Actual Lab result

(By Microbio Lab)

Product	W/O UV Initial zero time	Exposure time in UV Conveyor		
		1 Min.	1.5 Min.	2 Min.
Laptop Bag	387 CFU	201 CFU	2 CFU	-
Courier Box	171 CFU	26 CFU	2 CFU	-

CFU = Colony Forming Unit
(after specific incubation time for culturing)

Auto-Coat

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