UVC Disinfection Conveyor

7 ft conveyor · 640 W of UV-C light · 360° disinfection · made in India

The UVC Disinfection Conveyor is the quickest, easiest and most cost-effective way to disinfect items in bulk when time is short. It suits factories, schools, hotels, showrooms, offices, airports and railway stations.

UV-C tubes are placed on all sides of the chamber, and a mesh conveyor lets the light reach items from below, so every item is disinfected all round. A reflective sheet inside the chamber increases the UV-C light on each item. A 3-phase motor runs on single-phase input, so the conveyor can run in both directions at an adjustable speed. A smart control panel manages the conveyor and the lights. We can fully customise the machine to your application.

It disinfects items that cannot be cleaned with a liquid disinfectant, such as food, jewellery, wallets, keys, electronics, paper, books and currency.

> **Light source:** 16 Philips UV-C tubes of 40 W (254 nm germicidal wavelength) with Philips drivers, fitted in a metal body made by us. 640 W of UV-C light; total consumption about 1,000 W.
> **Warranty:** 1 year. Certified to kill 99.9% of germs by an NABL and government-approved lab.

DISINFECT QUICKLY AND EASILY

- Vegetables and fruits
- Bread, bakery products, packed food and take-away cooked food
- Currency, wallets and purses
- Mobiles, laptops, tablets, cameras and other electronics
- Car keys and other keys
- Goggles, spectacles, watches, rings, bracelets and other jewellery
- Office papers, books, newspapers and magazines

Especially useful for items that cannot be washed or treated with chemical or alcohol-based disinfectants.

KEY HIGHLIGHTS

- Made in India, with a 1-year warranty.
- Quick, easy and cost-effective disinfection of items in bulk.
- 360° disinfection: tubes on all four sides and a mesh conveyor for disinfection from below.
- Reflector inside the chamber to increase light output.
- 3-phase motor on single-phase input, so it runs in both directions.
- Speed adjustment to set the disinfection time.
- Smart control panel to control the conveyor and lights easily.
- 640 W of UV-C light for proper disinfection.
- Philips UV-C tubes (9,000-hour life) with Philips drivers.
- Customised to the customer's application.

TECHNICAL SPECIFICATIONS

UV-C wattage	640 W (16 tubes × 40 W)
Input	230 V AC, 50 Hz; total load about 1 kW
Size	Conveyor L 7 ft × W 2 ft; UV-C chamber L 5 ft × H 2 ft
Body	MS body, powder coated; double curtain to stop light leakage; reflector sheet inside the chamber to increase light and cut disinfection time
Conveyor	Carbon steel / Teflon wire-mesh conveyor with MS chain on both ends, run by a 3-phase 350 W motor (Havells/Bonvero). A Delta AC inverter drive gives single-phase input and variable speed.
Load capacity	50 kg
Power protection	Use an external high/low voltage cut-off stabiliser to avoid damage from voltage fluctuation

HOW TO USE

Put the items in at one end and collect the disinfected items at the other end.

Precaution: Germicidal UV-C lamps give off radiation that is harmful to skin and eyes. Avoid any exposure to UV-C light. Do not expose your skin or eyes to the light from a lit lamp.