UVBOT

Mobile UV-C disinfection tower

Disinfection you can prove.

- Disinfects rooms with UV-C light, no chemicals
- Timed cycles from a tablet
- A dose card shows the dose was reached



What it is

A tower of UV-C lamps on wheels. Roll it into an empty room, start a timed cycle from a tablet, and its UV-C light disinfects every surface it can reach.

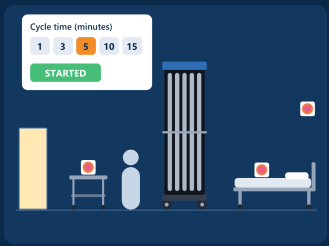
UV-C damages the DNA of bacteria, viruses and fungi so they cannot multiply. Hospitals and water plants have used it for decades.

The problem it solves

- Superbugs such as MRSA survive on surfaces for days.
- Cleaning by hand varies, and spots get missed.
- Nobody can prove the room received a disinfecting dose.

UVBOT adds a no-touch step after cleaning, with a visible record.

How it works



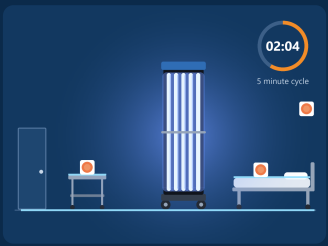
1 Set

Choose a 1 to 15 minute cycle on the tablet.



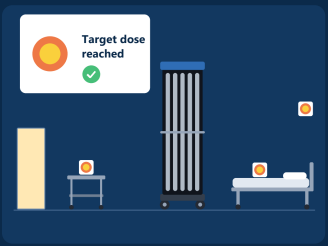
2 Leave

Everyone leaves. UV-C runs only in an empty room.



3 Run

The lamps deliver a timed UV-C dose.



4 Check

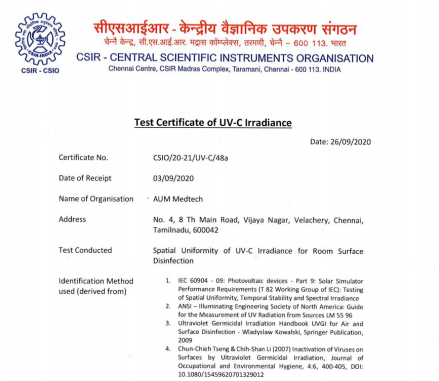
Dose cards turn from pink to yellow at the target dose.

- Cycles of 1, 3, 5, 10, 15 min
- Tablet app: counter, lamp status
- Motion detection option
- Dose-indicator cards
- No chemicals, no residue
- Plug-in lamps, local service

UV-C harms eyes and skin. Cycles run only in an empty room. UV-C supports manual cleaning; it does not replace it.

Proof that it works

Watch it work in the UVBOT video.



सीएसआईआर - केन्द्रीय वैज्ञानिक उपकरण संगठन
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CSIR - CENTRAL SCIENTIFIC INSTRUMENTS ORGANISATION
Chennai Centre, CSIR Madras Complex, Taramani, Chennai - 600 113. INDIA

CSIR - CSIO

Test Certificate of UV-C Irradiance

Date: 26/09/2020

Certificate No.	CSIO/20-21/UV-C/48a
Date of Receipt	03/09/2020
Name of Organisation	AUM Medtech
Address	No. 4, 8 Th Main Road, Vijaya Nagar, Velachery, Chennai, Tamilnadu, 600042
Test Conducted	Spatial Uniformity of UV-C Irradiance for Room Surface Disinfection
Identification Method used (derived from)	1. IEC 60904 - 09: Photovoltaic devices - Part 9: Solar Simulator Performance Requirements (T 82 Working Group of IEC): Testing of Spatial Uniformity, Temporal Stability and Spectral Irradiance 2. ANSI – Illuminating Engineering Society of North America: Guide for the Measurement of UV Radiation from Sources LM 55 96 3. Ultraviolet Germicidal Irradiation Handbook UVGI for Air and Surface Disinfection - Wladyslaw Kowalski, Springer Publication, 2009 4. Chun-Chieh Tseng & Chih-Shan Li (2007) Inactivation of Viruses on Surfaces by Ultraviolet Germicidal Irradiation, Journal of Occupational and Environmental Hygiene, 4:6, 400-405, DOI: 10.1080/15459620701329012

Certified by a national lab

CSIR-CSIO tested how evenly UVBOT spreads its UV-C light across a room. Certificate CSIO/20-21/UV-C/48a.

Before After

6 of 7 1 of 7

surfaces with bacterial growth

(the one after: scanty)

Tested in a hospital lab

Culture swabs from 7 surfaces in a doctor's room, before and after a UVBOT cycle. Pathology report, New Delhi.



Used in an operating theatre

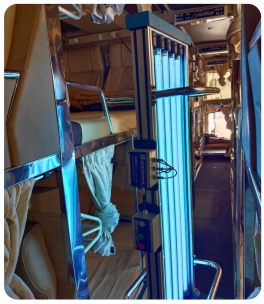
Hospital in Dubai: dose cards turned yellow where the target dose was reached.

A model for every space

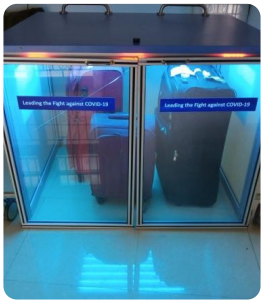
Designed from scratch and built in-house in Chennai.



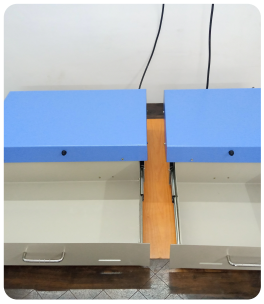
Room towers
Hospital rooms, OTs, ICUs



Slim aisle model
Buses, trains, aircraft



Luggage cart
Airports and hotels



UV-C box
Phones, keys, small items



UV-C cabinet
Clothes, coats, PPE

Where to use it

Healthcare

Operating theatres, ICUs, isolation rooms and wards, clinics, labs, pharma cleanrooms.

Travel and hospitality

Buses, trains, airports and aircraft, hotel rooms and guest luggage, offices, shops, kitchens.

Rtc just make

See it work in your own room.

Live demo We run a cycle in an empty room at your site.

30-day pilot Use UVBOT in selected rooms, then review the log together.

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