

TROLLEY MOUNTED AREA SANITIZER SYSTEM

TYPE: UV-TASS64/128/300

FEATURES:



- ❑ Designed for the purpose of Area Sanitization in a particular area covering upto 1000sq. ft
- ❑ Designed for UV Sterilization of Surfaces in Hospital Rooms, Public Spaces, Schools, Working spaces in Office / Govt, Individual rooms of Residences while they are unoccupied
- ❑ Uses UV Lamps with total wattage of 64W / 128W / 300W which are suitable for rooms of sizes upto 1000sq.ft
- ❑ AC powered device with an optional UPS backup option
- ❑ Remotely controlled unit for powering the Lamps ON / OFF avoiding exposure of the Users to UV Radiation
- ❑ Available on a RC controlled mobile platform for remote operation through a panel mounted camera
- ❑ Extremely effective in tacking COVID-19 spread

Technical Data

Nucleonix Systems' a high technology Instrumentation company, with its vast design experience in the field of Nuclear Instrumentation, has taken up the mission to develop and introduce equipment for combating COVID-19. As part of this mission, **Trolley Mounted Area Sanitizer System Type UV-TASS64/128/300** has been developed and made available for combating the COVID-19 where large movement of material / people are expected.

UV germicidal irradiation (UVGI) is a well-known **Inactivation technology**. Of all the technologies available, UV irradiation is superior, as it is non-contacting type, to sanitize various household and office articles, gadgets. It effectively damages DNA/RNA of the viruses; thereby damaged organisms cannot replicate. This UV sanitization technology is useful for Area, all types of surfaces of gadgets, water treatment etc. It kills variety of viruses, bacteria, fungi etc, including COVID-19

Tripod Mounted UV Sanitizer System Type: UV-TASS64/128/300 manufactured by Nucleonix Systems is designed to address the critical threat of transmission of COVID-19 through air in closed environment like Poorly ventilated rooms in hospitals, working spaces in offices, large areas like malls, etc and Individual rooms in homes. Trolley mounted UV Sanitizer system is available as an option with mounting on Radio controlled mobile platform. It can cover areas upto 1000sq.ft for the purpose of sterilization

This Unit uses Remote control for operation from behind a door or long distance to prevent exposure or

minimize exposure to UV radiation. It can additionally be provided with UPS for providing power backup while in use.

Also available with mounting on a Radio Controlled mobile platform with integrated WiFi camera for remote controlled sterilization of a larger sized room.

SPECIFICATIONS

UVC Type Wattage: 64 / 128 / 300W @ 254nm

Irradiation Time: Fixed time of 15min to 8hrs in multiples of 15minutes

Safety Mechanism: 30 second Delay start / Remote control operation of UV Lamps allows unnecessary exposure to Radiation.

Coverage Area: Upto 1000sq.ft in standalone mode

Recommend Sterilization Time:

For a 20'x20' room:

- 30min (with TASS64)
- 15min (with TASS128)

Start: A Momentary push button is provided on the Remote switch for turning the UV light ON

Enclosure Material:

Powder Coated Aluminum / SS304

Supply Voltage: 110 / 220VAC, 50/60Hz

Radio-controlled Platform(optional): Remotely piloted Mobile platform for moving around a room for the purpose of sterilization is available optionally.

UPS Power Backup: Optional

NOTE:

- (1) THIS UNIT IS TO BE OPERATED REMOTELY BEHIND A DOOR AS IT WOULD LEAD TO EXPOSURE TO THE UV RADIATION IF OPERATED BY BEING IN LINE OF SIGHT
- (2) UV PROTECTION GOGGLES TYPE UV380/ UV400 ARE MANDATORY. REGULAR UV400 TYPE SUN GLASSES ARE ADEQUATE IF THEY COVER THE EYES PROPERLY