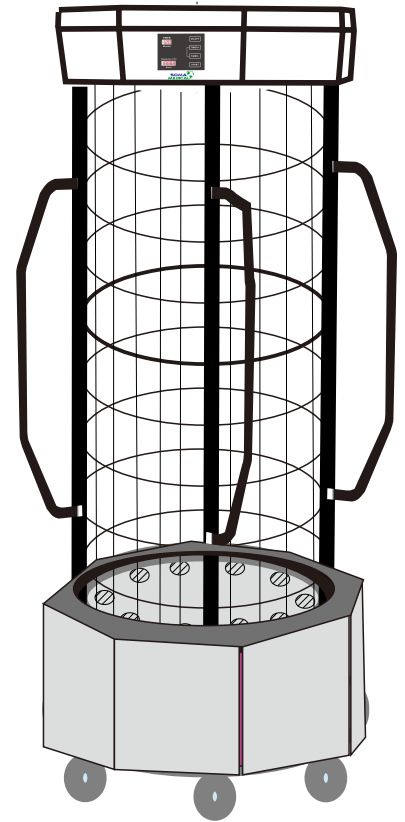


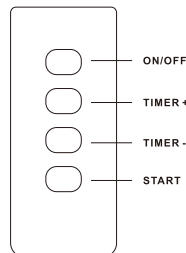
UVGI SMS 20 AIR STERILIZER

Model: SMS 20
 Lightware: UV-C primarily in the 253.7nm wavelength
 Power: AC220-230V, 50Hz
 Power of bulb: 150 watts Amalgam
 Number of bulbs: 8 pieces
 UV intensity@1meter for each bulb: $395\mu\text{w}/\text{cm}^2$
 UV intensity for whole unit:
 @1meter: $1577\mu\text{w}/\text{cm}^2$
 @2meters: $792\mu\text{w}/\text{cm}^2$
 @3meters: $475\mu\text{w}/\text{cm}^2$
 @4meters: $245\mu\text{w}/\text{cm}^2$
 @5meters: $185\mu\text{w}/\text{cm}^2$
 @6meters: $127\mu\text{w}/\text{cm}^2$
 Bulb lifespan: 13,000 operational hours
 Ballast lifespan: 20,000 operational hours
 Bulb length: 1145mm
 Product dimension: 55x55x160cm
 Nett weight: 35kgs

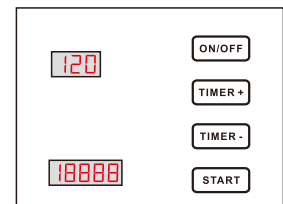


External structure

Internal structure



Remote control



Display & control panel

- * Press ON/OFF button
- * Press Timer (+) or Timer (-) to select time
- * Press Start. The unit will start after 10 seconds
- * To cancel the timer, simply press the Power button
- * Top LED display - to show the countdown of the timer
- * Bottom LED display - to show total operating time
- * Press Timer (+) & Timer (-) together to reset the working time

**The best preventive method for airborne diseases,
yeast, fungi, bacteria, mold and spores**

UVGI SMS 20

What UVGI / UVC technology can do:

Scientific evidence confirms that Clostridium difficile, MRSA, VRE, Acinetobacter baumannii, and influenza are transmitted via environmental surfaces.

Studies indicate that only 50% of environmental surfaces in a typical operating room suite or patient room care in hospitals are effectively disinfected.

Hence a patient's risk of contracting a Hospital Acquired Infection (HAI) from contaminated surfaces increases when the previous room occupant was infected.

- Mobile ultraviolet light (UV-C) unit significantly reduces aerobic colony counts and C. difficile spores on contaminated surfaces in hospitals.
- System for clinical & domestic applications to perform a proper air and surface sterilization against microbial contamination.
- Effective in the eradication of dust mites and bed bugs when used periodically.
- Prevention against indoor air contamination such as bacteria, mold, yeast and fungi.
- Decontamination of patient rooms, hotel rooms, meeting rooms etc... using an automated mobile UVC high intensity shockwave technology.
- Short wavelength sterilization method to break down microorganisms in food and water.
- Variety of applications, such as food, air and water purification.
- UV radiation destroying nucleic acids in organisms to destroy their DNA.
- Deadly effect on micro-organisms, pathogens, viruses and molds.
- Sterilize drinking- and wastewater.
- Air sanitization and purification.



Hospital



Lab



Food processing plant

Benefits:

- Effective in the prevention of Tuberculosis, MRSA, H1N1 and other airborne cross contamination.
- Eliminates 99.9% of bacteria, yeast, mold and fungus problems found in hospitals, schools, food manufacturing plants and offices.
- Recommended by medical experts.
- Kills harmful bacteria in closed premises.
- Reduces asthmatic effects.
- Eliminates odours and neutralizes the air against cross contamination..

Applications and locations where to implement :

- Clinical environments such as clinics, hospitals, operating rooms, dental surgery, schools, holding facilities.
- Laboratories and testing facilities that require a clinically clean environment.
- Food processing plantations.
- Decontamination of storage facilities.
- Food storage facilities (cheese, wine, vegetables, fruits, meat, etc.).
- Removes "bad air" in factories and adjacent offices.
- Treatment of air in waste management facilities.

Contact details