



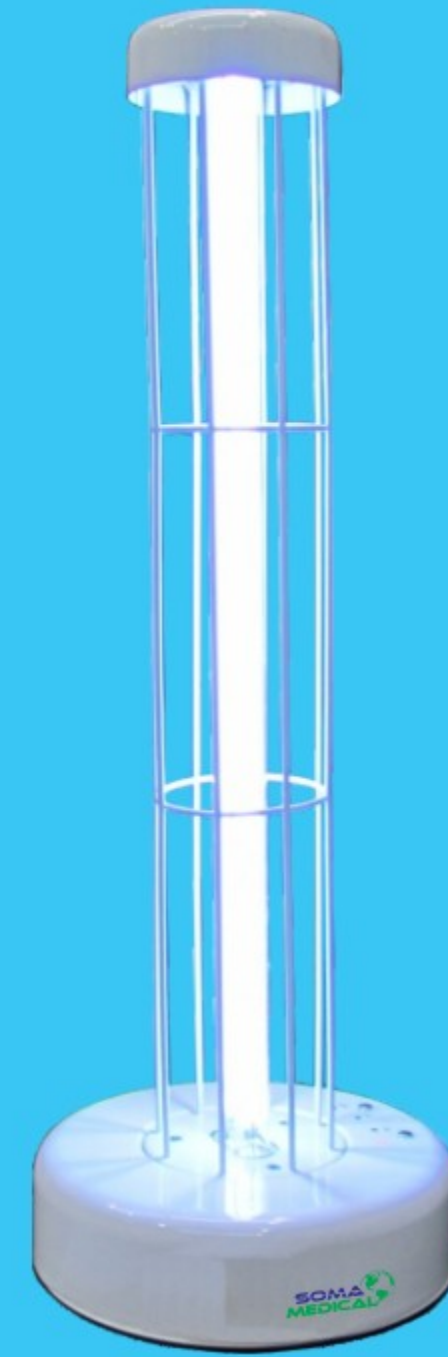
ULTRAVIOLET GERMICIDAL IRRADIATION (UVGI)

Model: UVGI LEO-1
 Lightwave: UV-C primarily in the 253.7nm wavelength
 UV intensity @ 1 meter: 170,000 $\mu\text{w}/\text{cm}^2$
 Bulb lifespan: 8,000 operational hours
 Ballast lifespan: 20,000 operational hours
 Bulb length: 530mm
 Power of bulb: 55 watts
 Power of unit: 58 watts
 Voltage: AC220-230V, 50Hz
 Efficient area: 50 square meters

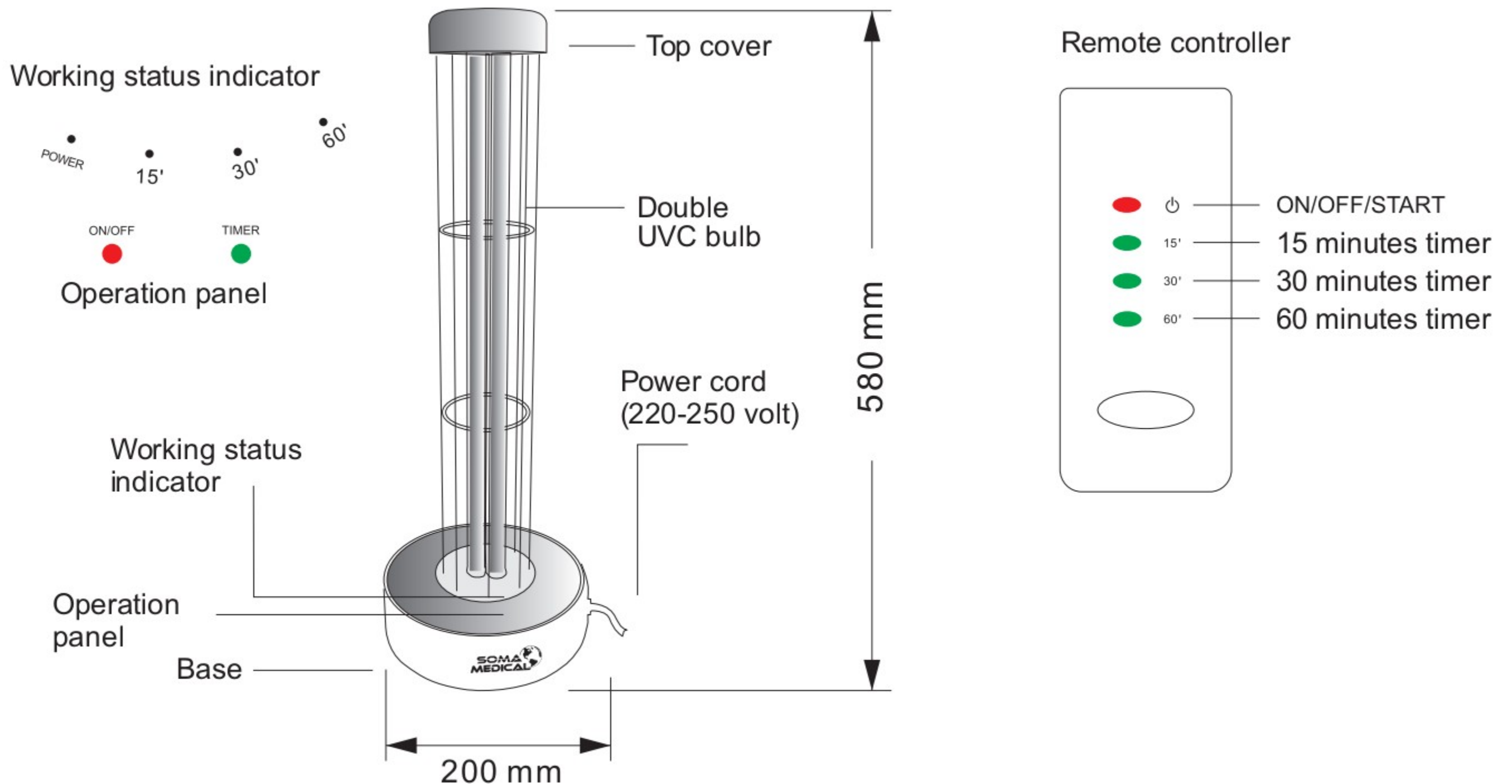
Features:
 A timer setting + remote operation
 Ozone option available

Product dimension: 200x200x580mm
 Net weight: 1.65kgs

Packing information:
 1 pc/inner carton: 230x230x630mm
 6 pcs/outer carton: 710x500x660mm
 NW: 12 kgs GW: 15 kgs



Structural Representation and Schematic Diagram of the LEO-1



The best way to prevent airborne diseases contracted from yeast, fungi, bacteria, viruses and mold is to **ELIMINATED them**

UVGI LEO-1

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 Light Unit.
- 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.

Applications and locations where to implement :

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

Contact details