

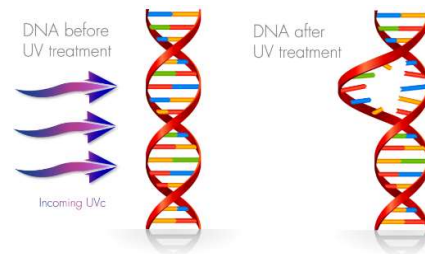
SMARTCHAM

ULTRAVIOLET (UV-C) CABINET FOR DISINFECTION



DESCRIPTION

Ultraviolet Germicidal Irradiation (UVGI) has been established to be effective against infectious micro-organisms like bacteria, virus, spores, fungi etc. Ultraviolet energy at 253.7nm wave length emitted by low-pressure mercury discharge lamps with appropriate ultraviolet wattage and applied for specific duration has been found to kill various bacteria and inactivate various types of viruses including the strain of SARs virus responsible for COVID 19 so they do not replicate or multiply.



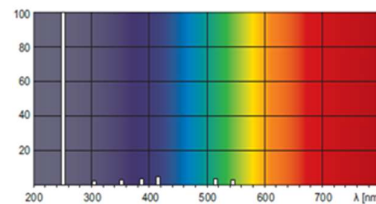
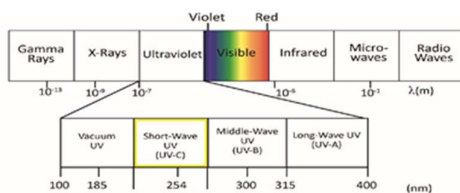
SMARTCHAM is an UVGI cabinet of 200L capacity, jointly developed by RAYMOLD and CSIR-CSIO (ICMR empanelled R&D laboratories under the Ministry of Science and Technology, GoI), for up to 99.99% surface disinfection of large objects. The cabinet is provided with a basket allowing material loading at three different levels for efficient disinfection. Both the basket and cabinet are provided with lockable wheels for ease of operation.

APPLICATION

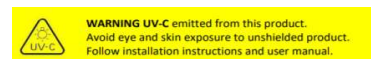
SMARTCHAM UV-C cabinets are ideal for disinfection of various large items in domestic, commercial, healthcare and industrial use.



ULTRAVIOLET RADIATION AND LAMP SPECTRAL ENERGY DISTRIBUTION



Contact marketing@ravmold.in for technical and application support



PRODUCT DETAILS

Make and Origin	RAYMOLD , India
Brand	RAY-CLEAN
Product Information	Germicidal cabinet for surface disinfection and deactivation of virus, bacteria, spores and other micro-organisms; Jointly developed and tested by Raymold and CSIR-CSIO
Main Application	Surface Disinfection of large quantities of grocery, fruits and vegetables, personal and business items like cell phone, lap-top, files, instruments, garments etc. in residences, offices, hospitals, industries, super/hyper markets, fashion stores and other similar facilities.
Technology	Ultraviolet low-pressure discharge Germicidal lamps (UV-C 253.7nm) with low mercury content and high efficiency UV reflectors
UV Power (W)	>150
Disinfection Efficiency	up to 99.99%
Irradiation time	3 to 10 minutes based on load; duration set with electronic timer
Body/Housing, Colour	MS Powder coated White / Grey
Storage	Roll-in basket with wheels; size: 490mm X 490mm X 925mm
Capacity (Litres)	200
Dimensions- Overall (mm)	L:600, W:600, H:1200
Net Weight (kg)	95
Rated input voltage (V)	230V, 50Hz, 1Ø
Operating Voltage range	180V - 260V
Type of Gear	Electronic
System Wattage (W)	375
Standby Wattage (W)	<1.0
Timer	Electronic
Electrical safety	Class 1
Power supply Chord	3 core cable, 5m long, fitted with 3-pin, 5A power plug
Protection	Mains switch with replaceable fuse unit
User Protection	Auto cut-off during open door condition to avoid direct exposure of human to Ultraviolet rays

Southern Region Office

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WARNING UV-C emitted from this product.
Avoid eye and skin exposure to unshielded product.
Follow installation instructions and user manual.