

SPECTRA 254

Spectra 1100

MOBILE ROOM DECONTAMINATION SYSTEM with DATA OPTION



The Spectra 1100 is a mobile room decontamination system designed to prevent Hospital Acquired Infections (HAI). The Spectra 1100 system uses four high-output UVC bulbs to eliminate pathogens on surfaces.

Independently Verified: >99% disinfection of C.diff spores in 1 cycle of 5 minutes at 10 feet.

FEATURES

Four custom built UVC Germicidal Bulbs with protective FEP sleeves

1 Touch Remote Control

Compact Mobile and Easy to Move in standard corridors, weighs only 57 lb / 27 kg

SAFETY FEATURES

360° Motion Detection turns off UVC bulbs in event of detected motion. Visual, audio and a digital display indicate that the cycle was interrupted.

LED Indicators display cycle interruptions

FEP Plastic Encased UVC Bulbs prevent shattering from impact

Protective Metal Rails prevent damage to the UVC bulbs

APPLICATIONS

Acute Care Facilities

Healthcare Facilities

Assisted Living

Hotels and Hospitality Facilities

SPECTRA 1100 MINIMUM UVC DOSAGE in Micro-Watt-Seconds per Square Centimeter

TIME (MIN)	DISTANCE (FT)	DOSAGE (μ W SECONDS / CM ²)
5	5	300,000
5	10	91,000

Recommended Treatment = 1 Cycle of 5 Minutes

For more information, visit spectra254.com

SPECIFICATIONS

REMOTE CONTROL

1 Touch Remote Control

5 Minute Cycle

10 Minute Cycle

15 Minute Cycle

RESET

Turns off UVC bulbs and resets all indicator lights

Startup Warning

Fifteen (15) Second warning audio signal prior to start. Unit cannot start with motion in the room.

INDICATORS

Power On (plugged in) One (1) Green LED On

Operating Cycle Ended Normally Two (2) Green LEDs On

Operating Cycle Interrupted by Motion Red indicator blinks, audio tone “beeps” continuously twice per second and display reads "M".

If Cycle Interrupted for Any Reason: Repeat Decontamination Cycle

ELECTRICAL & MECHANICAL

Physical

Weight

57 lb / 26 kg

Size

23 × 23 × 72 in / 58 × 58 × 183 cm

Electrical

Input

110 to 240 VAC @ 1,500 Watts

UVC Bulbs

4 High Output Low Pressure UVC GermicidalBulbs

Environmental

Temperature

50° to 80° F (10° to 26° C)

Relative Humidity (RH)

10 to 80% Non-Condensing

SPECTRA254 TOUCH PAD INTERFACE (optional)

Bar Code or Manual input of User ID and Room Number

Data Format

Excel spread sheet

Stored Data

Date and Start Time of Operation

User ID

Room #

Cycle Time (5, 10 or 15 minutes)

Status

OK Everything worked properly

MO Motion Detected, Unit shut Off

UV Low Ultraviolet: One or more tubes are not working properly

Data Output

Copy to Memory Stick or send via Wi-Fi connection (User Defined)

Confirmation

User ID, Room # and Export of Data always confirmed by the ENTER button

Protection

Data LOG is PASSWORD protected against accidental deletion.

SETUP DATA PASSWORD protected

EXPORT DATA PASSWORD protected

WARRANTY

All equipment

3 Years

Bulbs

3 Years

COMPLIANCE

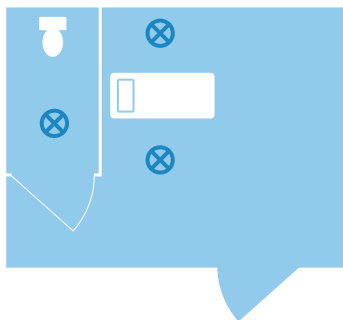
UL-61010-1 Safety

FCC Part 18

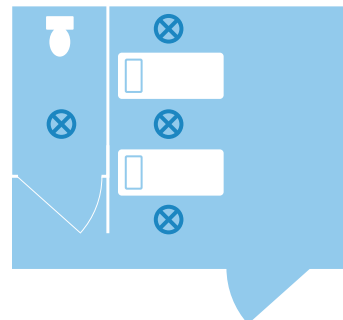
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RECOMMENDED TREATMENT

1 Cycle of 5 Minutes • 3 LOCATIONS



1 Cycle of 5 Minutes • 4 LOCATIONS



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