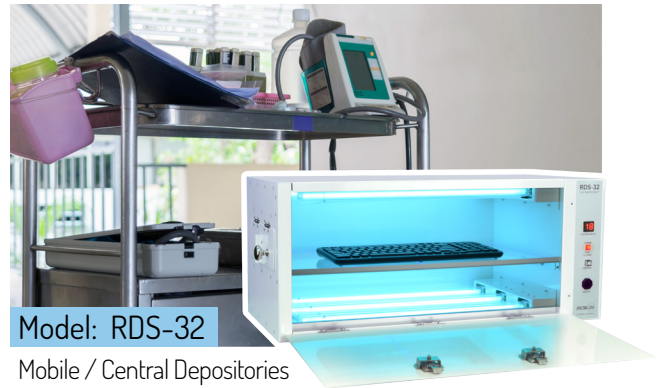




Model: RDS-30

Nurse Station / Lounges



Model: RDS-32

Mobile / Central Depositories

The RDS-30 Spectra product series offers an essential disinfection tool in a healthcare facilities environmental program against the spread of deadly pathogens. The RDS-30 [18" x 12.5" x 13.5"] is compact in size and designed for use at nurse stations and lounges. The RDS-32, [28" x 12.5" x 13.5"] is designed for mobile room-to-room applications and central depositories.

In addition to the main door access for unplugged items such as, medical instruments, shared tools, medical tablets, keyboards, cell phones and handheld communication devices, each unit has a side access door to facilitate fast decontamination of plugged-in items [wired] such as TV remotes controls, desk phones and wall mounted medical equipment. The RDS-30 / 32 models are specifically designed to kill virtually all pathogens including C. Diff. Spores to a reduction of 99.96% in a single 30 second cycle.

APPLICATIONS

Medical Instruments & Tools

- Bed Controls
- TV Remotes
- Computer Keyboards
- Test Equipment
- Thermometer
- Blood Pressure Cuffs

Personal Items

- Phones
- Hospital Communicators
- Keyboards
- Stethoscope

INDEPENDENTLY TESTED & VERIFIED

Antimicrobial Test Laboratories, JAN 2015 - Reports #: NG5770 & NG5593

C.diff Spores Reduction = 99.96% (3.43 Log₁₀) in 30 seconds

MRSA Reduction = 99.97% (3.49 Log₁₀) in 30 seconds

FEATURES

Bi-Directional Custom High Output UVC Germicidal Lamps [6]

One Touch Control

Custom Ultra-Pure Q-Shelf eliminates shadows for simultaneous decontamination

Easy Access Front and Side Doors to service both wired and wireless objects

Visual, Audio and a Digital Display of System Status

RDS-30 SERIES MINIMUM UVC DOSAGE

in Micro-Watt-Seconds per Square Centimeter

TIME (SECONDS)	DOSAGE (µW SECONDS / CM ²)
30	> 280,000

Recommended Treatment = 1 Cycle of 30 Seconds

SPECIFICATIONS

VISUAL AND AUDIO INDICATORS

LIGHTED "TOUCH" SWITCH

Display	Power-On Cycle Time "ER" Error Message
Audible Alert	Cycle Completed Interrupted Cycle

DOSAGE

Required	Minimum of 56,000 microwatt - sec/cm ² (to kill C. Diff Spores)
Provided	Minimum of 280,000 microwatt - sec/cm ² provides complete coverage
Dosage Time	30 Seconds (280,000 microwatt - sec/cm ²) = Complete Coverage

WARRANTY

Parts & Equipment	1 Year
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SAFETY

LED & Audio Indicators for System Status
 Polymer Encapsulated Germicidal Lamps
 Visual / Audio Alert on Cycle Error
 LED Indicator on Lamp Failure
 Fail-Safe System Operation

COMPLIANCE

UL-61010-1 Safety	FCC Approved
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ELECTRICAL & MECHANICAL

MODEL: RDS-30

PHYSICAL

Size:	18" X 12.5" X 13.5"
Weight:	18lbs / 7.2kg
Power:	110VAC to 130VAC @ 200 Watts
Power Cord:	15 Feet
UVC Lamps:	Six Custom High Intensity Low Pressure Germicidal Lamps

ENVIRONMENTAL

Temperature	50° to 80° F
Relative Humidity (RH)	10 to 80% Non-Condensing

MODEL: RDS-32

PHYSICAL

Size:	28" X 12.5" X 13.5"
Weight:	30lbs / 13.6kg
Power:	110VAC to 130VAC @ 200 Watts
Power Cord:	15 Feet
UVC Lamps:	Six Custom High Intensity Low Pressure Germicidal Lamps

ENVIRONMENTAL

Temperature	50° to 80° F
Relative Humidity (RH)	10 to 80% Non-Condensing

SUGGESTED MAINTENANCE

Clean quartz plate with alcohol wipes once per week.