



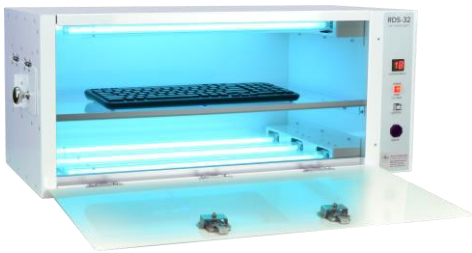
Infection Prevention is an all-day, everyday challenge. It starts with surface pathogens that are spread by the things we touch!

“RDS” RAPID DECONTAMINATION SYSTEMS



RDS Systems prevent the spread of infections by terminating pathogens including C-diff Spores in 30 Seconds.

The RDS simplifies the infection prevention protocol to a one-step process by providing a certified, repeatable high-level standard of clean for Electronics, Patient Tools, Personal Effects and Patient Supplies. It's large 3,000 cubic inch capacity and fast cycle time, is specifically designed to maximize throughput and complement the workflow of both large and small departments.



The RDS is specifically designed for both fixed and mobile applications; wired and wireless devices. It is chemical-free, warranty-friendly and safe to use with any product.

PROVEN TO REDUCE COSTS, SAVE TIME AND MONEY

- ❖ New Protocol for Sanitizing MHD's*
- ❖ Reduce Disposable Expenses
- ❖ Reduce HAI Rates
- ❖ Reduce Patient Supply Waste
- ❖ ROI < 6 Months
- ❖ Certified Repeatable Results
- ❖ Independently Studied & Verified
- ❖ Proven Employee Acceptance
- ❖ Increase Sanitation Compliance
- ❖ Saves [1] Hour Labor p/Day, p/Unit

* Mobile Health Device

PREVENTING INFECTIONS ... *It's Personal*



A HIGHER STATE OF CLEAN vs STANDARD SANITATION METHODS Electronics | Medical Tools | Supplies | Personal Effects

✓ **FAST:**

30 Sec. Cycle results > 3 LOG₁₀ Reduction

✓ **PROVEN SOLUTION:**

Independently Certified
Antimicrobial Laboratories

✓ **VALIDATED PERFORMANCE:**

Standardized, Repeatable, Certifiable
solution eliminates Human Error

✓ **COST EFFECTIVE:**

- 720,000 CYCLES.
- No Service or Maintenance
- Less than cost of Sanitation Wipe

✓ **SAFE:**

High-Level Decontamination without
Risk to Memory, or Battery Storage

✓ **CONVENIENCE**

Wired & Wireless Devices
Desktop & Mobile Systems

✓ **LARGE CAPACITY:**

3,000 Cubic Inches
Multiple Devices per 30 Second Cycle

✓ **TOTALLY GREEN:**

- No Consumables,
- No Chemicals
- No Disposables

Preventing the spread of infections
one 30-Second Cycle at a time





A HIGHER STATE OF CLEAN vs STANDARD SANITATION METHODS
 Electronics | Medical Tools | Supplies | Personal Effects

“Infection Prevention isn’t a sometime thing, it’s an all-day, everyday challenge. It may start with pathogens on surfaces, but it spreads by the things we touch!”

The Spectra product series is a chemical-free 30 second UV-C decontamination solution for terminating pathogens on surfaces, that impacts hand sanitation compliance, improves patient safety and advances employee health at an operating cost that is less than the cost of a sanitation wipe. As a new protocol for decontaminating sensitive electronics, the RDS systems are faster, easier, more convenient and provide the kind of chemical-free, warranty-friendly, decontamination solution long sought after by healthcare facilities..

The RDS systems also provide a solution for cost-containment and a dollar-for-dollar savings on the repurposing of non-critical patient tools and supplies. What was once tagged as patient supply waste due to the potential for cross-contamination, may now be instantly decontaminated and returned to stock. The savings in product supplies and medical waste disposal costs alone, results in a double-digit annualized savings.

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, tablets, keyboards, cell phones and handheld communication devices, each unit has a side access door to facilitate the fast decontamination of plugged-in items [wired] such as TV remotes controls, nurse call, 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 greater than 99.9% [$> 3 \text{ Log}_{10}$] in a single 30 second cycle.

INDEPENDENTLY TESTED & VERIFIED

Antimicrobial Test Laboratories Reports #: NG5770 & NG5593

C.diff Spores Reduction = 99.96% (3.43 Log_{10}) in 30 seconds

MRSA Reduction = 99.97% (3.49 Log_{10}) in 30 seconds

Higher level log reductions achieved at 60 and 90 Sec. cycle times

CRITICAL “RDS” LOCATIONS

- Nurse Stations
- Emergency
- Intensive Care
- Neonatal Intensive Care
- Operating Rooms
- Isolation Rooms
- Oncology Rooms
- Patient Rooms
- Environmental Services
- Doctor Lounge
- Cafeteria
- Visitors Waiting Room

FEATURES

Bi-Directional Custom High Output UVC Germicidal Lamps [6]
 One Touch Control | No Programming Required
 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
 Operating Cost p/ Cycle less than Germicidal Wipe

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	30-90 Seconds
Lamp Life	> 720,000 Cycles

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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GREEN TECHNOLOGY

No chemicals or disposables are used in the operation of the RDS systems

MADE IN THE USA

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.