

Do You Have a Hand Hygiene Program If You Are Not Disinfecting Your Mobile Devices?



Up to 5-Log Disinfection in Just 55 Seconds

1 of 10 Reasons Why **Healthcare**
Relies on **The UV Box**

AUVS
ADVANCED ULTRA-VIOLET SYSTEMS



The UV Box Addresses Your Most Crucial Needs

Healthcare Associated Infections. Epidemics. Pandemics.

Epidemics are a constant, additional Pandemics are looming, and Healthcare Associated Infections (HAIs) can extend throughout your facility—and beyond its walls.

All efforts at containment or undermined by leaving the disinfection of mobile and shared devices, including smart phones and tablets, unaddressed.

The UV Box — a proven germicidal enclosure providing up to a **5 log kill rate in just 55 seconds** was developed for demanding, high-volume institutional use. It specifically addresses the disinfection of mobile and shared handheld devices and Personal Protective Equipment (PPE).



National Cost of HAIs¹

- 772,000 Healthcare Associated Infections Annually
- 75,000 Associated Deaths
- \$28 to \$33-Billion per Year in Excess Costs

Facility Cost

- Up to 3% Medicare Penalties for Readmissions
- Increase in Staff Absenteeism Already Estimated to Cost \$1,685 Per Employee Annually
- Decreased Staff Retention

Personal Cost

- Human Suffering
- Extended Hospital Stays
- Added Burden on Staff in Caring for Infected Patients and Covering for Infected Staff Members

¹ Centers for Disease Control and Prevention: **Estimates of Healthcare-Associated Infections.**



The UV Box is Proven

More than **700 progressive hospitals and hospital groups** selected **The UV Box** to disinfect their handheld, shared and mobile devices.

- The UV Box provides up to 4.5 Log, 99.995% Disinfection Rate for C. diff Spores and MRSA according to an Independent FDA consulting lab.
- The test results of an independent lab specializing in viruses showed a 5.25 Log, 99.999% disinfection rate for Human Coronavirus and Norovirus.

What's the difference between a 5-Log (99.999%) kill rate and competitive 2-log (99%) kill rates? A 2-log kill rate leaves behind 10,000 bacteria. A 5-log kill rate leaves just 10 bacteria per million.



AUVS' Chief Technology Officer, Dr. Wayne Clark, is considered the nation's foremost expert of anti-microbial UV-C technology. His patented technology has been protecting the US Pentagon from bio-terrorism for more than two decades.



Actual "Before and After" swab tests on mobile phones performed by an independent hospital to determine the efficacy of The UV Box. Results shown are after a single 55-second decontamination cycle.

¹Ask your AUVS sales rep for further information

Efficacy



The UV Box Closes the Overlooked Gap in Your Hand Hygiene Program

Do You Have a Hand Hygiene Program If You Are Not Disinfecting Your Mobile Devices?

Hands of healthcare personnel (HCP) can transmit multidrug-resistant organisms (MDROs), resulting in the spread of infection. Aggressive Hand Hygiene compliance programs are designed, in part, to address this issue.

Studies have shown devices such as cell phones to be 10 to 18 times dirtier than a public restroom toilet seat. Therefore, even the best Hand Hygiene program is rendered futile as soon as a contaminated cell phone or tablet is picked up.

The disinfection of handheld, mobile devices with The UV Box closes this gap in your Hand Hygiene program.



The **Hand Hygiene Plus Conversion Kit** adds legs and a universal hand disinfectant dispenser mount allowing users to clean their hands while devices are being disinfected in the chamber.



Every second spent on hand hygiene is wasted if the first thing your staff members pick up is a contaminated phone or tablet



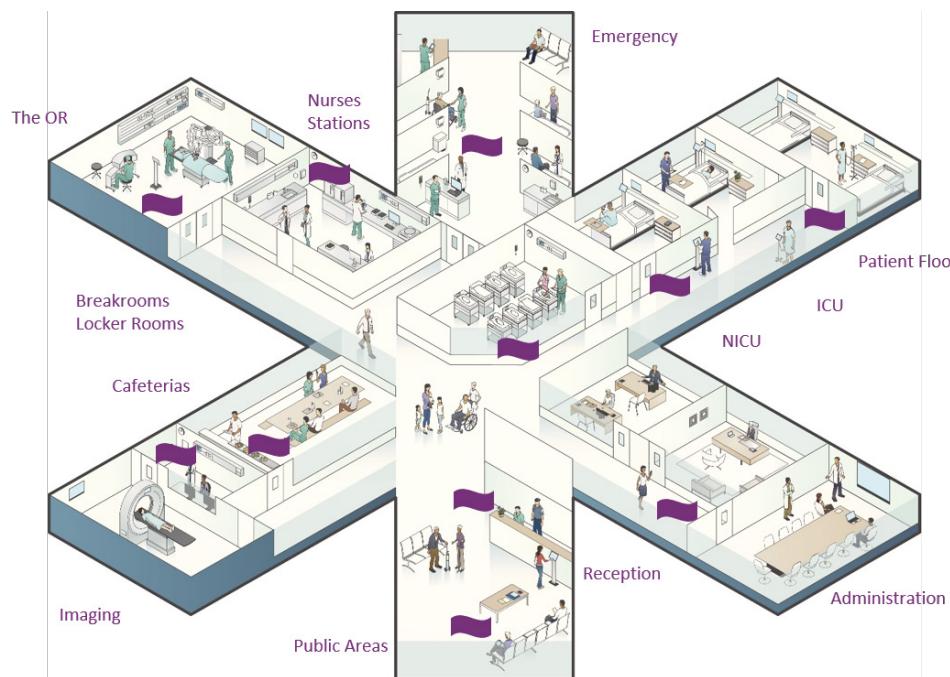
Closes the Gap



Strategically Positioned UV Boxes Protect People In and Outside Your Facility

Rely on The UV Box to Protect:

- Patients
- Visitors: Patient's Friends and Family
- Medical Staff
- Administrative and General Staff
- Staff Member's Families
- The General Public



Common UV Box locations
to protect staff, patients
and family members

Facility-Wide Protection



A 55-Second Cycle Time Easily Integrates Into Your Workflow

Wipes require wet times of up to 3 minutes per side/surface meaning a single device can take up to 9 minutes or more to achieve the advertised disinfection rate.

The UV Box achieves its disinfection rate in a single 55 second cycle during which up to 5 items can be treated simultaneously.

That speed means The UV Box will fit into your hospital workflows, allowing for frequent, consistent device disinfection throughout the day, across multiple departments.



The UV Box's 55-second cycle time fits within the World Health Organization's guidelines on hand washing duration, meaning hand hygiene and device disinfection can happen simultaneously.



Fast & Practical



Because the UV Box is Easy to Use... It Will Be Used

We've all seen it before: complicated solutions, no matter how effective, tend not to be used. By contrast, an In-Service on **The UV Box** takes less than its 55-second cycle time! That ease of use means The UV Box will be used—FREQUENTLY—and that's exactly what you want.

- 1** Clean visible dirt, moisture or liquid residue from items to be disinfected.
- 2** Place items inside The UV Box without overlapping.
- 3** Close the door and turn the lock knob to begin the 55-second disinfection cycle.



Countertop (l) and Mobile Cart (r) configurations means The UV Box is easy to share among departments.



No Learning Curve



The UV Box Makes Economic Sense

Leaving handheld device disinfection unaddressed undermines your total Infection Prevention investment. **The UV Box** works in conjunction with our whole-room, surface and air cleaning systems to complete your IP solution and ensure your overall ROI.

Consider the Economics:

- Your ROI is guaranteed with the prevention of even a single Healthcare Associated Infection
- The UV Box is a one-time cost with no ongoing expenses
- It reduces ongoing costs and the waste of germicidal wipes
- It produces no waste products eliminating handling, landfill dumping and related costs
- The UV Box reduces staff time to disinfect devices
- Available at a price point that allows units to be strategically placed throughout your facility
- Units will pay for themselves in 6 months to 3 years depending on your current usage of wipes and pattern of HAIs incidence
- Ends phone and screen damage from wipes by eliminating their use on these items
- Demonstrable savings of almost \$300,000 versus C.diff wipes¹
- Field-serviceable components and no moving parts mean lower maintenance costs

Let us show you how our **Purchase** and **Rental** programs can give your hospital an
Affordable Comprehensive Infection Prevention Solution covering all departments

¹Ask your AUVS sales rep for comparative cost details



The UV Box Won't Damage Expensive Equipment

Bleach-based wipes are not recommended by most device manufactures. They are known to render LCD screen-based items unusable due to clouding and can void warranties.

The UV Box has been independently tested by leading computer and phone companies, Zebra Technologies and SpectraLink. The results showed AUVS products do not damage screens, plastics and electronics on:

- Phones
- Tablets
- Handheld Scanners
- Handheld Computers



Equipment Safe



“It’s Not Pretty... It’s a Tank.”

In addition to patented, leading-edge technology, **The UV Box** also uses institutional design principles to withstand demanding, high-volume healthcare environments.



The UV Box is Designed and Built in the USA

High Durability Features:

- A high-grade aluminum encasement protecting the UV enclosure
- Industrial controls and hinges
- No moving parts providing maximum uptime
- Field-serviceable parts
- 7 Year UV lamp guarantee
- Easy, “in-the-field” lamp replacement access panel

Durable

10

Reduce Your Facility's Environmental Impact

A typical 200 bed hospital will send almost 5 truckloads of germicidal C-Diff wipes to local landfills over a 10-year period.

By Comparison, The UV Box:

- Uses no consumables
- Produces no waste products
- Saves money and reduces the environmental impact of purchasing and disposing of tens of thousands of wipes
- Will not damage expensive equipment, so no “collateral damage” waste is produced



No Waste Products



ADVANCED ULTRA-VIOLET SYSTEMS

Distributed by...



844-889-6757

www.hospitalsafetysolutions.com

Warranty:

2 Years Parts and Labor

Made in the USA

EPA Est No. 99021-GA-1

| Feature | The UV Box |
|---------------------------------------|--|
| Model Number | KR-615-Auto / KR-615-Large |
| Disinfection Time | 55 Seconds |
| Exterior Dimensions | 10" H x 10" D x 20" W |
| Disinfection Chamber Size | 3.5" H x 8" D x 15.5" W |
| Weight | 10 Lbs. |
| Voltage | 110-115V |
| UV-C Output | 200mW/cm ² in 55 seconds |
| UV Lamps | 254nm |
| Number of Lamps | 2 (one top and one bottom) |
| Lamp Hours | 5500 to 6000 |
| Lamp Encapsulation | Yes |
| Configuration | Desktop, Wall Mount or Mobile Cart |
| Rack | Quartz Rods |
| Housing | Aluminum |
| Chamber | Highly reflective material |
| Accommodate | 4 to 5 phones/masks or a full-size tablet |
| Safety Switch | Door opens/mechanical |
| Safety Testing | Tested and Certified by TUV |
| Operation | Chamber Lock activates disinfection |
| Access Panel to Lamps and Rack | Yes |
| Introduced | 2016 / Currently thousands in 700+ hospitals |



Complete your Infection Prevention Program with (l to r) AUVS' **Rollie Mini-Bot** room disinfection; **BioProtector 3131** air disinfection; **Ray EMS** vehicle interior disinfection; and **The UV Cube** larger device and high-volume disinfection.