Skytron
UVC Disinfection

SKYTRON
Reliability • Versatility • Cost Savings
A Comprehensive Portfolio to Meet Your Unique Needs

By offering the most comprehensive portfolio of UVC on the market, Skytron has the ideal UVC solution to fill the need of any hospital, long-term facility, or any area that is improving infection control procedures. Through effective, single-cycle, whole-room disinfection, Skytron UV automatically delivers the correct dose ensuring maximum germicidal treatment with every cycle.

**Patient Safety**
Our solution is proven to kill bacteria, viruses, and fungi and help reduce HAI’s which save lives.

**Correct Dose**
With our SmartDosage UV™ technology, we ensure the correct dose of germicidal energy every time.

**Financial Impact**
Our portfolio of UVC provides a choice for any budget, while still saving money on HAI’s and improving your HAC score.

**Trusted Partner**
Skytron is a leader in medical devices and innovation. We focus on our partners to ensure your path to success.
The Problem

Less than 50% of hospital room surfaces are adequately cleaned and disinfected with chemical germicides. The overall thoroughness of terminal cleaning is an average of 49%. 3,4

Each day, about 1 in 31 U.S. patients has at least one infection associated with hospital care. That is 1.7 million patients with an estimated 98,000 patients dying because of improper sanitation 1,6

The cost of HAI’s from a Surgical Site infection costing around $18,902-$22,667 per incident C.diff infection costing $9,118-$13,574 per infection.2

Hospitals with Total HAC Scores greater than the 75th percentile of all Total HAC Scores (i.e., the worst performing quartile) will be subject to a 1% payment reduction. 5

References:
The Patient Safety Solution

Meridian Health saw a significant reduction in CATUTI during the period of UVC usage.

100% Reduction in Klebsiella

71.4% Reduction in Acinetobacter

41% Reduction in HO c.diff or higher

Meridian Health

Successful disinfection to prevent transmission of Candida Auris

UVC Disinfection

Correct Dosage

Skytron’s Ultraviolet C (UVC) provides an effective method of microorganism inactivation for contaminated air and surfaces. UVC disinfection technology has been in use since the early 1900’s for municipal water supplies and Skytron’s UVC devices are a powerful, modern, mobile solution to reduce HAI’s.

UVC energy is a wavelength range of Ultraviolet energy spanning 200-280 nanometers (nm). Skytron’s UVC devices specifically employ the highly germicidal 253.7 nm bandwidth to cause photochemical damage to cellular DNA and virus RNA. This biological damage inactivates the cell by preventing replication and therefore infection capability. Germicidal efficacy is determined by the overall dose of UVC, which is a product of lamp output (i.e., intensity) and exposure duration.

Traditional, manual hospital cleaning protocols are often insufficient in stopping the spread of pathogens and leave room for error in technique and chemical application. With the use of SmartDosage™ technology, the Skytron portfolio ensures the correct germicidal dose is thoroughly delivered to all surfaces, lowering infection rates and costs.

Trusted Partner

Service

Skytron’s industry-leading Total Cost of Ownership (TCO) programs are worry and hassle free:

- One to five year TCO service programs which cover all OEM parts, including lamps and labor
- On-site service visits and travel expenses, 24/7 telephone support, and annual preventative maintenance check-ups included in TCO programs
- “Spare in the Air” program, where Skytron expedites a replacement device to minimize down time during required services
- Consultation for implementing an optimal deployment strategy for your facility

Training

Skytron offers instruction on UV device operation to ensure safe and effective performance:

- Training for multiple shifts of staff
- Training of management staff in the cloud-based tracking and documentation system

Financial Impact

Skytron offers solutions designed to deliver the highest performance with the lowest overall cost of ownership. Skytron’s Total Cost of Ownership (TCO) program provides customers with a plan to prevent as much equipment down-time as possible, and a defined annual cost of ownership for confident budgeting.

- Reduce HAI’S
- Reduce HAC Score

Savings Estimator

Need more help? We’re just a phone call away. 800-759-8766
Our Portfolio

1140 Sentry

*Single Emitter System*

**Excellent Value**
Category leading UVC, single cycle disinfection

**Flexibility**
Removable emitter ideal for small spaces like Ambulances and Aeromed applications

**Simplicity**
Lightweight and easy to move

3200 Max

*Single Emitter System*

**Shorter Run-Times**
Highest single emitter UVC dose

**Higher Room Throughput**
Faster cycles equals more rooms in less time

**Correct Dosage**
Field Balance and PowerBoost UV Technology
Our Portfolio

2280 Syndicate

- **Dual Emitter System**
- **Effective in Multiple Locations**
  Dual Emitters allows for two locations hit with same cycle
- **Shadows Minimized**
  Two Emitters allows for more effective treatments in harder to reach shadowed areas
- **Lower Labor Costs**
  Units do not require repositioning to complete cycle

UV Smart

- **Countertop Rapid UVC Disinfector**
- **Keep Germs and Viruses Away from Patients and Staff**
  360-degree disinfection on high-touch items like mobile devices, remotes, keyboards, and more
- **Simple Addition to Workflow**
  User-friendly design and portable makes it easy to integrate into your existing space
- **Peace of Mind**
  Ensures a consistent and powerful disinfection in 25 seconds
Skytron is the Healthcare Efficiency Specialist, providing full-room solutions of capital equipment, architectural and real-time information systems for Medical, Surgical, Sterile Processing, and Infection Prevention. Our solutions enhance the utilization of people, facilities, and capital because they are designed with the user in mind and have a low, long-term cost of ownership.

To learn more, visit our website at www.skytron.com