Skytron
UVC Disinfection
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 disinfections, Skytron UV delivers the correct dose ensuring maximum automated 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 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

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

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

The cost of HAIs 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

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The Patient Safety Solution

100% Reduction in Klebsiella

71.4% Reduction in Acinetobacter

41% Reduction in HO c.diff or higher

UVC Disinfection

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

Successful disinfection to prevent transmission of Candida Auris

Correct Dosage

Skytron's Ultraviolet C (UVC) provide 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 smart 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 service programs are worry and hassle free:

- One to five year plans 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
- “Spare in the Air” program, where Skytron expedites a replacement robot to minimize down time during required services
- Consultation for implementing an optimal deployment strategy for your facility
- 98% up-time guarantee

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

50 Bed Hospital In 5 Year Savings 943K

500 Bed Hospital In 5 Year Savings 9.43M

Need more help? We're just a phone call away. 800-759-8766
**Single Emitter Systems**

**1140 Sentry**

*Value*
Category leading UVC, single cycle disinfection

*Flexibility*
Removable emitter for use in small spaces

*Simplicity*
Lightweight and easy to move

**Removable Emitter**
- Small footprint
- Easily fits in confined spaces
- Ideal for EMS and Aeromed applications

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**3200 Max**

*Shorter Run-Times*
Highest single emitter UVC dose

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

*Smart Cycle UVC*
Field Balance and PowerBoost UV Technology
Multiple Emitter Systems

2280 Syndicate

**Multiple Locations**
Dual Emitters allows for two locations hit with same cycle

**Shadows Minimized**
Two Emitters allows for more effective treatments

**Lower Labor Costs**
Units do not require repositioning to complete cycle

Testimonials

**Legacy Meridian Park Medical Centers (Tualatin, OR)**
"The results [culture tests] were incredible. The light penetrates and destroys the actual DNA of microorganisms like MRSA."

**Mercy Health (Kenwood, OH)**
"Our experience has been great. The service and support from Skytron has been incredible. We have 24/7 access to a real-time person...The training was there right from the start."

**McLaren Flint Health Care (Flint, MI)**
"We were able to reduce the infections in our intensive care unit by 30% over a 6 month period."
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