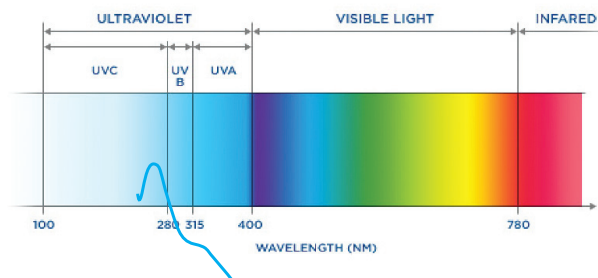


UVC - HOW IT WORKS



UVC is proven
to kill known
pathogens at
253.7 nanometers

See THOR UVC® in action at www.FinsenTech.com

Why Continuous Wave UVC is the right Choice and the only thorough approach to disinfection

PREVENT HAIs AND CONTAIN OUTBREAKS

Continuous wave UVC eliminates up to 99.9999% of Healthcare-Associated Infection (HAI) culprits in minutes including *Clostridium difficile* (C.diff.), Methicillin-resistant *Staphylococcus aureus* (MRSA), Vancomycin-resistant Enterococci (VRE), Ebola, Norovirus and other pathogens including gram negative pathogens that compromise patient outcomes, reducing the risk of transmitting infections via contaminated high-touch surfaces.

DOSE ASSURANCE GUARANTEE

Validated disinfection of all high-touch surfaces. Hospital Room configurations vary widely and contain many pieces of furniture and equipment.

THOR UVC® uses patented room scanning technology which will map the room and identify any clutter and shadows present THOR UVC® then delivers a measured output of high intensity UVC to ensure an effective UVC dose at 253.7nm is delivered to high touch surfaces including shadowed areas from a single placement.

SHADOW REDUCTION TECHNOLOGY.

THOR® has patented shadow reducing technology. The UVC array hits surfaces from multiple angles.

SAFEST

High output low pressure lamps provide the most efficient delivery of UVC energy and are endorsed

by the EPA and Department of Energy for use in the healthcare environment.

MOST COST EFFECTIVE

THOR UVC® can be used to enhance workflow and management of room turn over time.

CDC STUDY

"We selected Constant Wave UVC for CDC's epicenter BETR (Benefits of Enhanced Terminal Room) Disinfection Study because it is proven to significantly reduce environmental pathogens and eliminate human error in the disinfection process (verses other technologies)."

Medical Director of the Duke Infection Control Outreach Network (DICON)

CDC STUDY - REAL WORLD APPLICATION, REAL WORLD RESULTS

Constant Wave UVC was chosen as the technology of choice for the CDC-funded Benefits of Enhanced Terminal Room (BETR) Disinfection study in conjunction with Duke University, the University of North Carolina and eight other hospitals in the region that concluded in late 2014. This epidemiologically sound study relates specifically to Constant Wave UVC impact on infection reduction. The comprehensive study involves 25,000 disinfection cycles and 100,000 patient days.



DELIVER THE POWER

The only UVC disinfection system
with shadow eliminating features and
EVEN MORE SUPERBUG KILLING POWER!



FinsenTechnologies

Versatile UVC disinfection systems



See THOR in action at www.finsentech.com

Contact the team for further information on
the THOR UVC® range of UVC disinfection systems
Email: sales@finsentech.com or Call +44 (0) 207 193 5641



www.finsentech.com

www.finsentech.com



MORE POWER

THOR UVC® disinfection kills more germs in the fastest time

THOR UVC® is the latest constant wave UV-C surface and air Disinfection technology designed specifically for areas of the hospital and healthcare environment. THOR UVC® incorporates unique patented design features that reduce shadowing. Log 6 reduction (99.9999%) bacterial kill achieved in minutes*

Operational benefits

- ✓ Protects your capital budget
- ✓ Reduces terminal cleaning times
- ✓ Improves the efficiency of your Domestic cleaning teams
- ✓ Improves patient flow times
- ✓ Increases transparency of budgetary costs



THOR UVC® POWER CAN REACH DARK AND SHADOWED AREAS



Robotically extends to 2.25m



Easy to Transport



Auto Room Entry Detection



Auto Generates Cleaning Reports



mm Precision 360° Scanning



Faster Disinfection



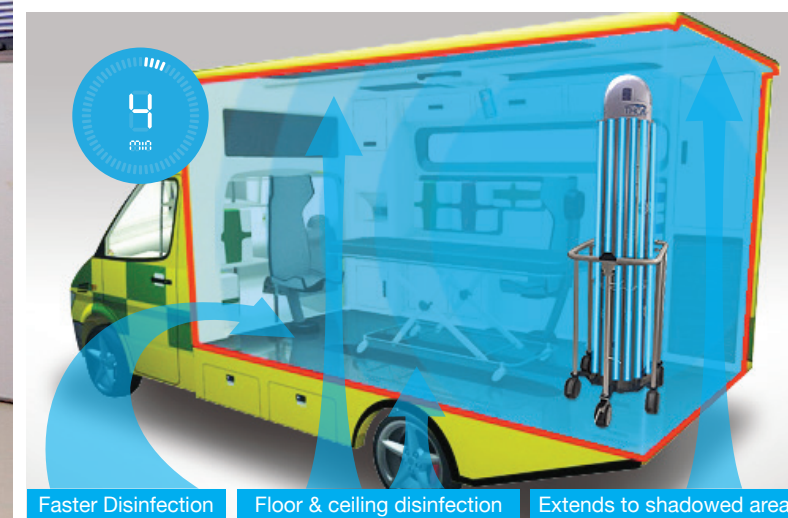
Floor to Ceiling Disinfection



Extends to Shadowed Areas

THOR UVC® INTELLIGENT AND EFFICIENT!

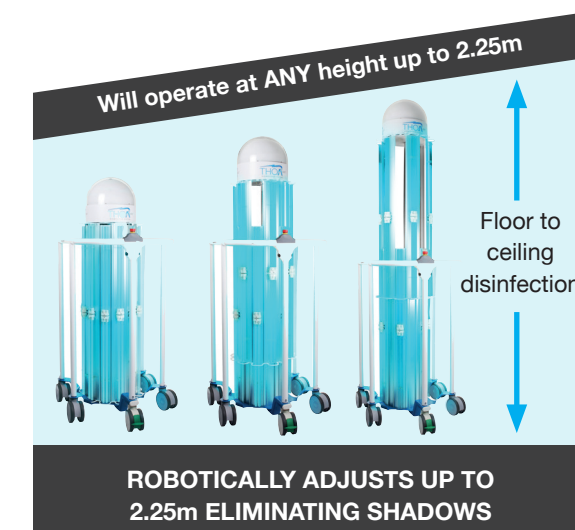
THOR UVC® removes the guesswork for the operator by generating a room map, assisting with optimal room positioning. Robotically extending to reduce shadows THOR UVC® will rapidly deliver a powerful and calculated dose of Constant wave UVC energy, from floor to ceiling.



Faster Disinfection

Floor & ceiling disinfection

Extends to shadowed areas



Will operate at ANY height up to 2.25m

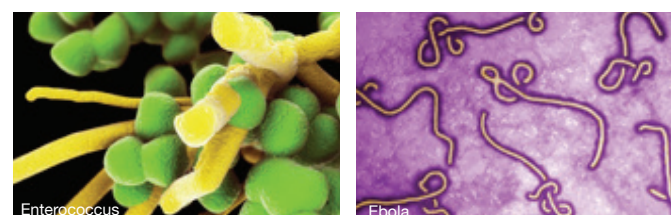
Floor to ceiling disinfection

ROBOTICALLY ADJUSTS UP TO 2.25m ELIMINATING SHADOWS

THOR UVC® KILLS ALL KNOWN PATHOGENS

As per the Kowalski Ultraviolet handbook. UVC is proven to kill pathogens. Here are examples of some very infectious pathogens that THOR UVC® will destroy over a rapid disinfection cycle.

As reported by the Health & Safety Laboratory.

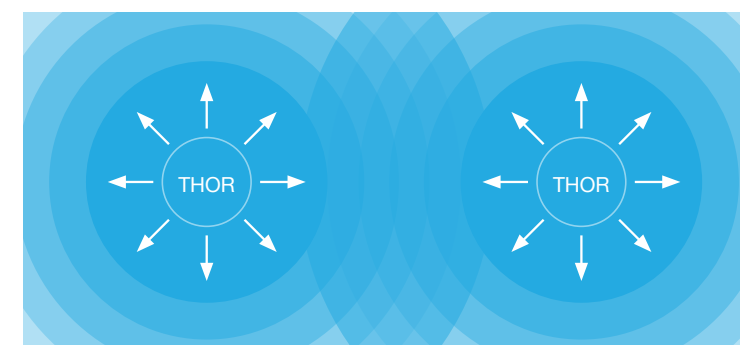


THOR UVC® System			
Challenge Organism	BSA Concentration %	% Kill	Log Kill
A. baumannii	0.03	100	5.82
A. baumannii	0.3	100	6.3
MSSA	0.03	100	6.58

*As per testing by the Health & Safety Laboratory – Occupational Hygiene Unit Analytical Services 30/3/2012

**Oral Abstract Session: SHEA Featured Abstract. The BETR-Disinfection study. 09/10/2015

ROBOTIC GERM ERADICATION AT ITS BEST



Single or multiple disinfection placements
In larger areas reduce the disinfection cycle time by 30% whilst delivering an increased UVC disinfection dose.

Constant Wave UV-C is now proven to be effective in reducing HAls ...

... as per the recently completed 28 month CDC study proving that Constant Wave UV-C can reduce HAls caused by target MDROs by up to 37%**

