



The next generation of automated UVC disinfection

More UVC Power

Faster, more effective UVC disinfection

Lidar Room Scanning

Assures full germicidal UVC dosage

Active Shadow Reduction

More direct UVC



The leading design for today's demanding
total room disinfection.

www.finsentech.com

NEW GENERATION CAPABILITIES

Automated UVC disinfection offers significant technological advancements in the efforts to establish cleaner environments. THOR UVC® has been engineered to build on the UV systems of the last decade, incorporating advanced capabilities to enhance the most important factors for practical UVC disinfection – *Efficacy, Speed, Safety, Convenience and Costs.*

DIRECT DIMENSIONAL LIDAR SCANNING

THOR UVC® is the only UVC device that has an integrated area mapping system that graphically establishes the optimum positions for the most efficient room disinfection timing while ensuring that the targeted area is covered with germicidal UVC. With centimetre sensitivity, the LIDAR measures the room dimensions to apply the radiant Inverse Square Law for confident UVC disinfection. The direct, sensitive Lidar scanning with the convenient graphical guidance for cycle management provide an entirely new level of assurance and confidence in your UVC disinfection methodology.

HIGH OUTPUT POWER FOR DISINFECTION EFFICACY

The THOR UVC® design uses high output UVC sources and adaptive electronics to emit higher energy constant wave UVC. Higher emission energy is the most effective emitter power enhancement in UVC photonic systems subject to the Inverse Square Law. This high output emission is automatically managed by THOR UVC® OptiScan to achieve the selected germicidal exposure. This eliminates sources of human error and ensures delivery of consistent germicidal UVC, whether it be in a smaller room or larger open area. THOR UVC® calibrated cycle times deliver average disinfection rates that can routinely exceed 5 – 6 log reduction.

THOR UVC® SHADOW REDUCTION

THOR's telescoping profile, with low slung base, has been designed to automatically reduce shaded areas, "top to bottom". This exposes additional surfaces to the more powerful direct UVC emissions.

GERMICIDAL UVC

THOR UVC® uses the same constant wave germicidal UVC 253.7 nm wavelength that has almost 100 years of documentation, including the 2015 definitive CDC sponsored BETR Disinfection study.

REAL TIME REPORTS

THOR UVC® is the only system that provides an easy to read graphic disinfection report via email immediately following the disinfection cycle. These real time reports are complemented by graphics and sortable data for Infection Prevention analyses and records.

MORE VALUE

THOR UVC® is the only high output UVC system that graphically guides the operator to deliver the selected germicidal levels of UVC energy. This is done with the confidence that consistent UVC germicidal energy is delivered regardless of room size. With shadow reduction, efficient labour time and attractive capital and system operating costs, it all adds up to greater value for you.

If you continue to be concerned about surface and airborne pathogens, have been waiting for the next generation of UVC disinfection technology or if you have already acquired a UV system, THOR can introduce you to entirely new levels of disinfection Efficacy, Speed, Confidence and Value. To learn more about how THOR can help you make a better environment for your patients and professionals, please contact us at:

SALES@FinsenTech.com or 0207 193 5641.



Not destructive to
building fabric



Pathogen kill rates
over 99.9999%



Doesn't require a
sealed room



Reduced possibility of
human error



Reduced facility
down-time

Finsen Technologies Ltd
41 Dover Street, London W1S 4NS

www.finsentech.com

 **Finsen Tech**