

# UVC DISINFECTION ROBOT

Destroys  
**99%**  
of pathogens



OPERATING THEATERS



HOSPITAL ROOMS



HALLWAYS



AMBULANCES

POWERED BY  
**PHILIPS**

**STERIPRO™**  
UV-C DISINFECTION TECHNOLOGY

## The alarming consequences of hospital infections (HAIs):

- Manual cleaning and chemical disinfection leave **less than 50%** of hospital rooms adequately cleaned.
- HAIs contribute to an additional **16 million days** of hospital stays per year.
- HAIs impact on around **3.2 million people** in Europe annually.
- HAIs are the cause of **37,000 deaths per year** in the EU.
- HAIs in the EU **cost €5.5 to €7 billion per year**, considering direct costs only.

## How much can your hospital save by preventing HAIs?

- ✓ Your hospital will have the return on investment into SteriPro robot with **preventing 10 infections or less**.
- ✓ Do you know **how many HAIs** can be prevented in your hospital?
- ✓ What is the **cost of Hospital Associated infections** in your hospital?
- ✓ Present your hospital as a **safer healthcare provider** by introducing our UVC disinfection robot.

## UVC will effectively destroy:



MRSA



C. Difficile



E. coli



VRE



Ultraviolet light in the germicidal wavelength – at around 254nm - renders the organisms sterile.



Wavelengths in the UVC range are particularly damaging to cells because they are absorbed by proteins, RNA, and DNA.



Mercury vapor lamps radiate about 95% of their energy at a wavelength of 253.7 nm, which is coincidentally so close to the DNA absorption peak (260–265nm) that it has a high germicidal effectiveness.

1. ECDC point prevalence survey of healthcare-associated infections and antimicrobial use in acute care hospitals; 2011 - 2012 point prevalence survey: <https://ecdc.europa.eu/sites/portal/files/media/en/publications/Publications/healthcare-associated-infections-antimicrobial-use-PPS.pdf>  
2. Carling PC, Parry MF, von Behren SM; Healthcare Environmental Hygiene Study Group. Identifying opportunities to enhance environmental cleaning in 23 acute care hospitals. Infect Control Hosp Epidemiol 2008;29:1–7. Available on: <https://www.ncbi.nlm.nih.gov/pubmed/18171180>.  
3. W. Kowalski, Ultraviolet Germicidal Irradiation Handbook, 17 DOI 10.1007/978-3-642-01999-9\_2, C Springer-Verlag Berlin Heidelberg 2009.

A hospital room with a white bed, a desk with a monitor, and a large, cylindrical UV-C disinfection robot with multiple vertical light tubes. The robot is positioned in the center-right of the frame.

Destroys  
**99%**  
of pathogens

**Upgrade** your  
manual cleaning  
processes with  
**contactless  
disinfection**

**5-15 min**  
disinfection cycle

## Benefits & Features

- ✓ Immediate integration into your disinfection processes
- ✓ Automatic detection of correct disinfection time, depending on room size
- ✓ Remotely operated via tablet and smart app
- ✓ The most reliable option on the market





**Manufactured in the EU**

UVC SOLUTIONS Ltd., Slovenia

**5**

year  
warranty

info@uvc-solutions.com  
www.uvc-solutions.com

