



Website



HERO21 UV-C disinfection robot

The first and best disinfection robot

- State-of-the-art and certified robotics technology
- Safe and easy operation via tablet
- Efficient and constant disinfection process
- 10,000 h UV-C lamp service life
- Operating time 3.5 h
- Single & fleet operation

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The HERO21 eliminates 99.99% of pathogens and therefore reliably disinfects surfaces and room air.

- Germs
- Bacteria
- Viruses
- a. o. successful control of vancomycin-resistant enterococci (VRE)

Simple and safe operation:

- Operation via tablet
- Simple scanning and mapping of rooms
- Integration in door & lift control
- Can be used over several floors
- Automatically drives around obstacles
- 130 watts/lamp
- Wavelength 250 - 270 nm
- UV-C output 60.9 mJ/cm² (1m / 30sec.)

Use:

- Healthcare & Hospitals
- MedTech
- Food
- Pharma
- Fitness & Sport
- Airport
- Public buildings

Disinfection performance:

Bacterium/spore

HERO21
UV-C radiation removal

1m

3m

E.Coli is one of the most common infectious disease pathogens

4.4s

15s

Staph. Aureus is a potential pathogen for skin & tissue infections, pneumonia & meningitis and can lead to life-threatening health conditions

3.4s

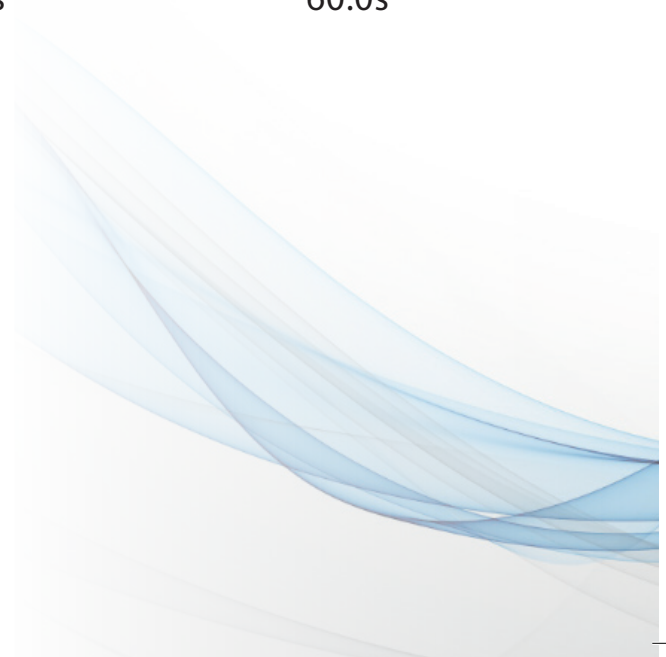
24.7s

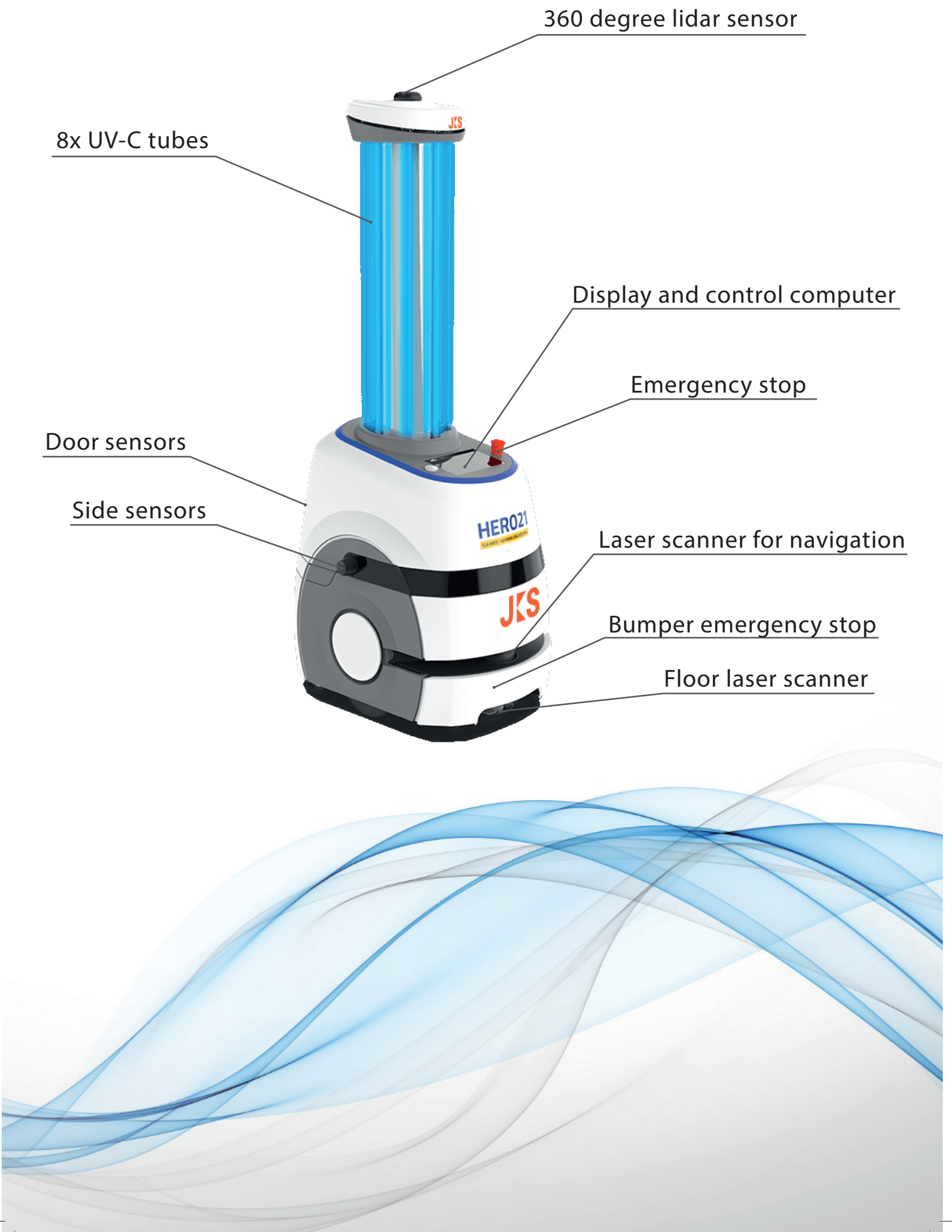
B. Subtilis (spore) is used as an indicator due to its stability e.g. in comparison to sterilization processes

17.7s

60.0s

Partners:





360 degree lidar sensor

8x UV-C tubes

Display and control computer

Emergency stop

Door sensors

Side sensors

Laser scanner for navigation

Bumper emergency stop

Floor laser scanner

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