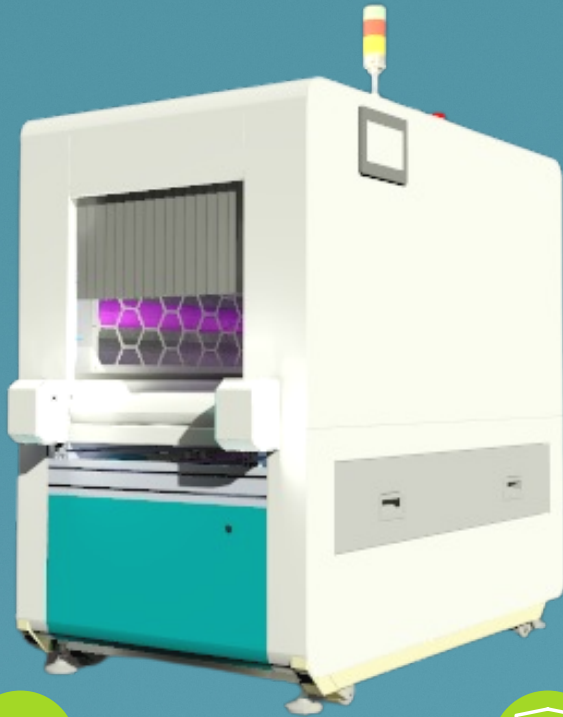


MINI FAR-UVC DISINFECTION GANTRY



(Kill 99% virus and bacteria in 6 seconds)
Latest disinfection technology-
222nm ultraviolet light
disinfection tunnel



High speed of 0.2m/s disinfection tunnel

4pcs of 222nm ultra violet lamps which can remotely kill 99% virus and bacteria in 6 seconds on pass through objects



Safe and reliable

222nm far UV-C is considered to be eye and skin safe for humans



Easy Installation

Modular design and we provide professional on-site installation service

We are your innovative technology partner

We set your company apart from your competitors by using modern sterilizing technology



About FAR-UVC

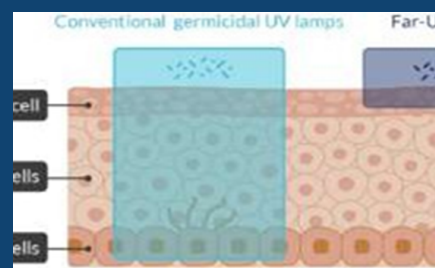
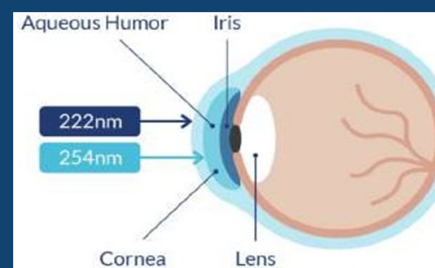
Our Mini FAR-UVC Disinfection Gantry has incorporated the latest in 222nm Ultraviolet-C Excimer Lamp technology which uses the formation of excited dimers (excimers). The excimers spontaneously transit from the excited state to the ground state result in the emission of UV-photons at the desired wavelength.

Any objects which pass through the gantry at a speed of 0.2m/s carried by our custom made conveyor system. Inside the gantry, there are four modules of FAR-UVC 222nm lamp modules with a combined capacity of 4 x 600W output that enables the system to inactivate 99% of SARS-CoV-2 virus on all surface of the items passing through the gantry.



Conventional germicidal UVC light (at 254nm wavelength) can be used to disinfect unoccupied spaces such as empty hospital rooms or empty subway cars, but direct exposure to these conventional UV lamps is not possible in occupied public spaces, as this could be a health hazard.

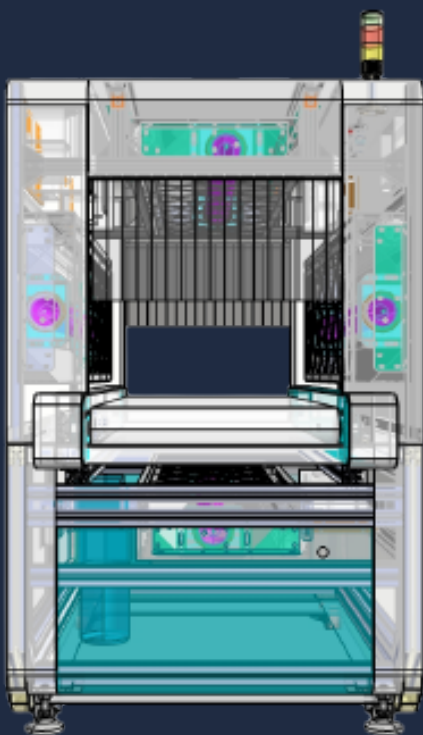
FAR-UVC light (207-222nm), on the other hand, is considered an effective and safe alternative. This is because, due to its strong absorbance in biological materials, far-UVC light cannot penetrate even the outer (non-living) layers of human skin or eye; however, because bacteria and viruses are of micrometer or smaller dimensions, far-UVC can penetrate and inactivate them.



Product Dimension – Core Module



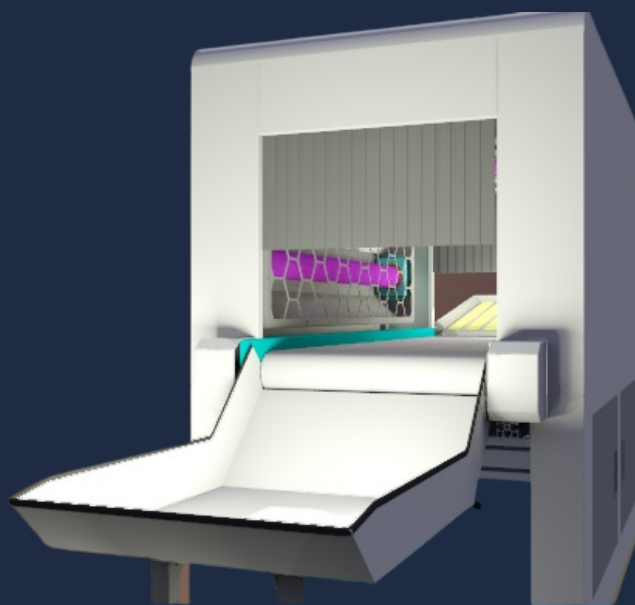
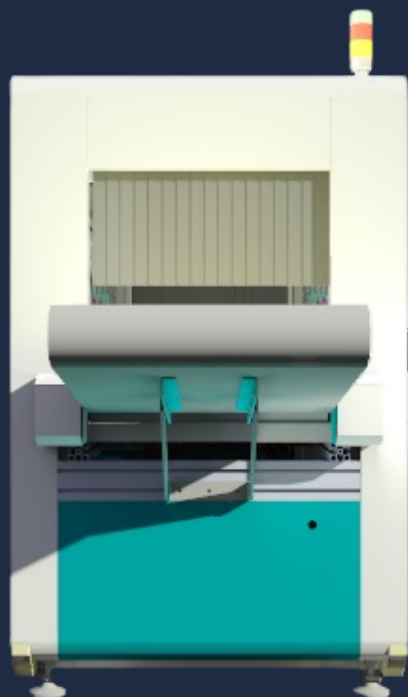
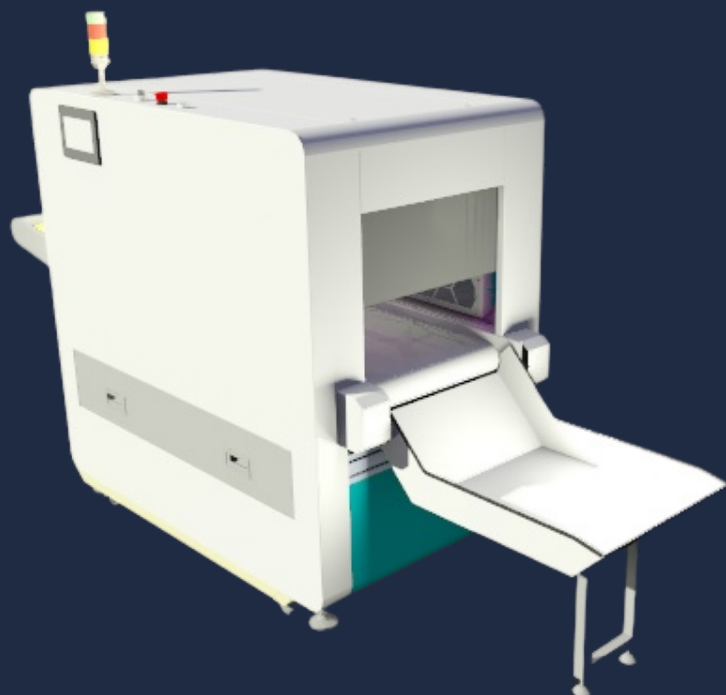
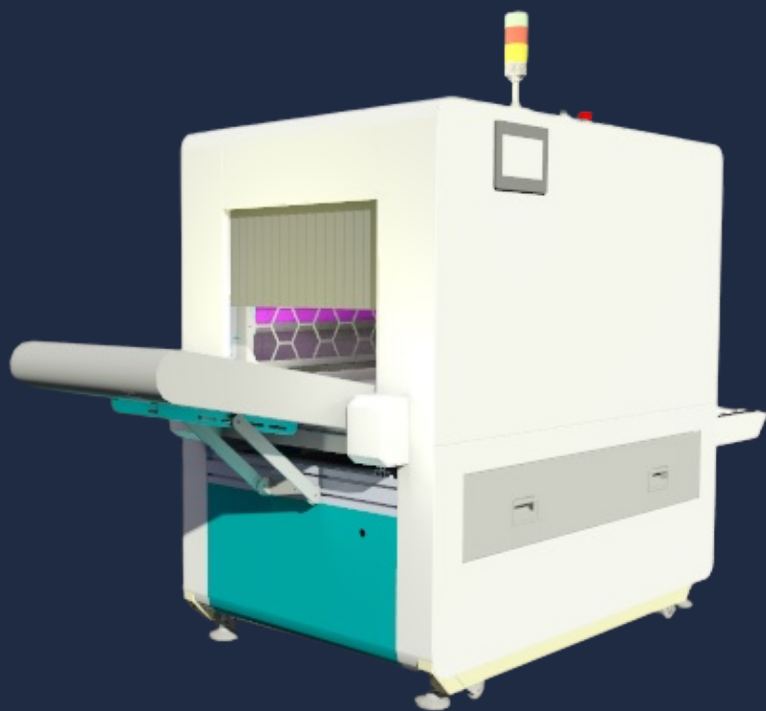
Specification



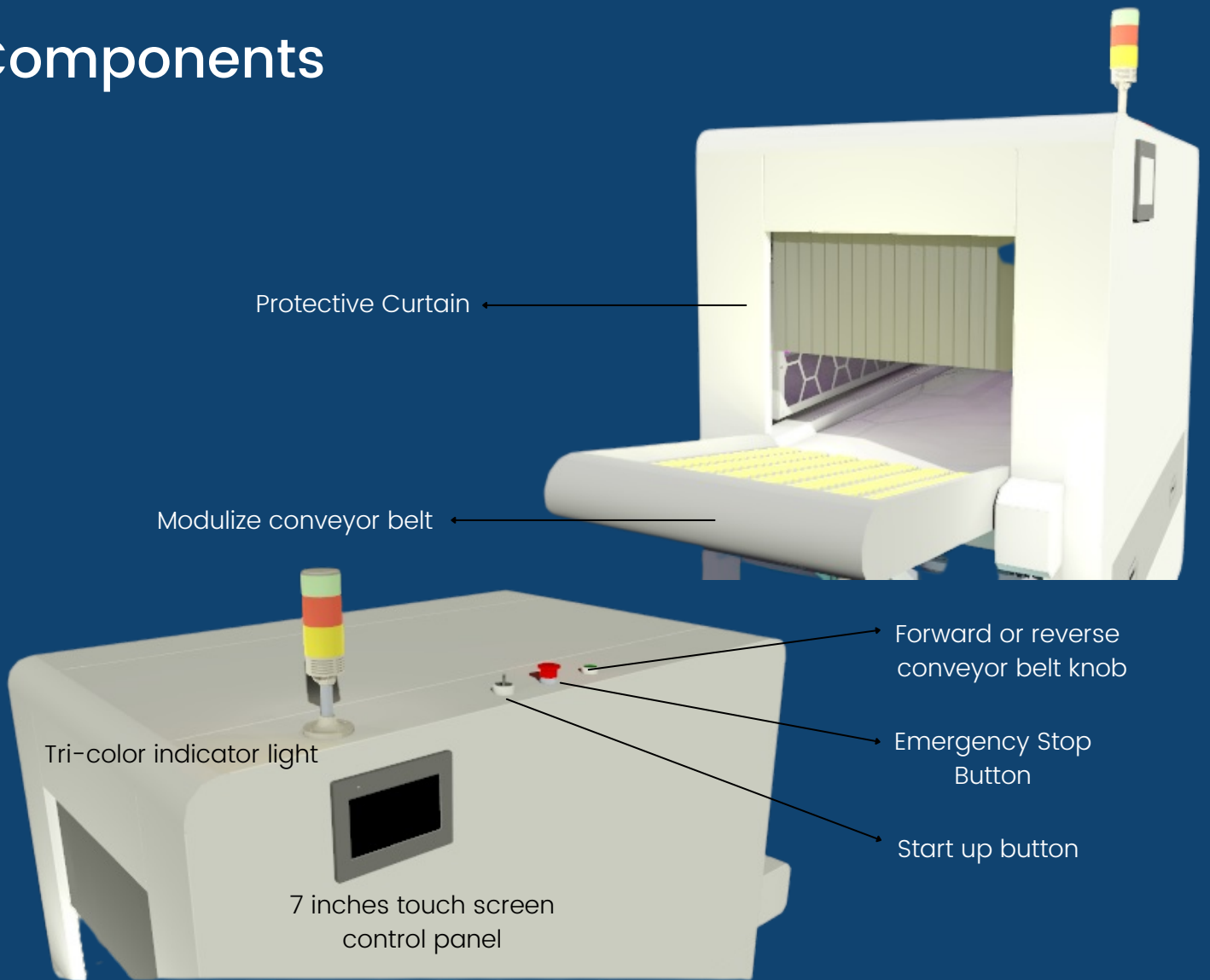
Type of Lamp Sources	FAR-UVC 222nm Excimer Lamp
Number of Lamp Modules	360 degree with 4 LEDs (Top, bottom, left and right)
Power Consumption (W) per module	600W
Speed	0.2 m/s
Efficacy at max. speed	99%
Power supply	Single-phase 220VAC, 13A
Lamp characteristics	Minimal ozone emission and zero mercury
Operating Temperature (°C)	> 45 °C
Core Module Dimensions (mm)	1308 (H) x 1302 (L) x 820 (W)

Modulize Conveyor Belt Design

You can choose different sizes of conveyor belts target for different disinfection items



Components



Applicable Industries



Airport handcarry or backpacks



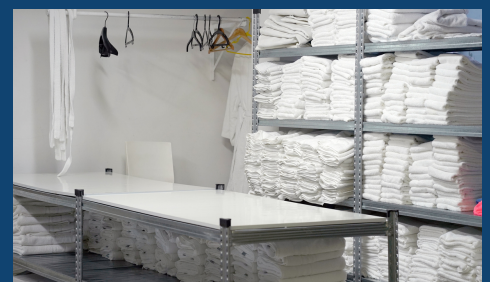
Food supply Industry



Courier industry - Small parcels and mail



Schools / Library



Hospitality industry

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