

CONTINUOUS CONTAMINATION CONTROL FOR CRITICAL ENVIRONMENTS

Good Manufacturing Practice (GMP) is paramount to pharmaceutical production. We deliver Far-UVC solutions that actively prevent microbial contamination in aseptic pharmaceutical production lines - minimizing costly deviations and maximizing operational uptime.

Our proven and validated product portfolio is based on human-safe Far-UVC technology and improves contamination control in all critical areas within the cleanroom. This ranges from decontamination of materials and personal entering the cleanroom to microbial reduction of air and surfaces throughout every critical area.

Far-UVC is implemented as an additional contamination control measure alongside established GMP controls. It functions as an add-on contamination control layer, reducing viable microorganisms in occupied cleanroom areas where existing methods do not operate - bridging the gap between scheduled cleaning and disinfection during routine production activities.



CONTINUOUS MICROBIAL CONTROL DURING LIVE PRODUCTION

Annex 1 calls for continuous, demonstrable control of viable contamination during gowning, material transfers, and filling.

Most decontamination methods are intermittent or indirect, leaving gaps where contamination can re-establish.

Far-UVC (222 nm) closes these gaps by providing continuous microbial suppression in occupied spaces, during real operations - not just between them.

FAR-UVC SOLUTIONS FOR ASEPTIC MANUFACTURING

Challenge: Personnel introduces contamination to cleanrooms



UV222 STEP-ON

Targeted decontamination of cleanroom footwear outsoles at critical entry points.

[A002566](#)



UV222 BOOTH

Touchless 3-log reduction of bioburden on fully gowned operators prior to cleanroom entry in only 20 seconds.

[A002563](#)

Challenge: Material and equipment transfers increase microbial load



UV222 MATERIAL AIRLOCK

360° Far-UVC treatment to reduce surface bioburden during equipment transfer into higher-grade areas.

[A002564](#)

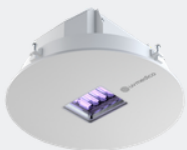


UV222 PASS-THROUGH BOX

Programmable for safe, rapid disinfection of cleanroom equipment.

[A002565](#)

Challenge: Continuous contamination risk during occupied production



UV222 CLEANROOM DOWNLIGHT

Ceiling-integrated Far-UVC for continuous air and surface bioburden control in changing rooms and production areas.

[A002562](#)



UV222 DUAL DOWNLIGHT 60X60

A2-in-1 ceiling unit providing visible light and continuous Far-UVC decontamination.

[A002567](#)

01

Continuous decontamination in occupied spaces.

02

Fast, broad microbial efficacy both in air and on surfaces.

03

Targets major contamination sources: PPE, footwear, materials, equipment, and transfer points.

04

Deployed in live GMP production - no workflow change.

05

Prevents rebound between cleaning cycles.

06

Chemical free / Mercury free.

07

Compliant with International Safety Standards.



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