



Highly effective air disinfection with UVC technology

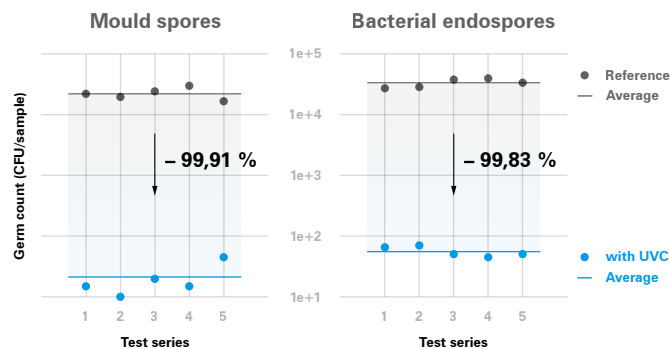
Tested independently

The compact **sterilAir** UVC air disinfection unit UVR-XS was tested for its inactivation performance. The results showed that the **UVR-XS effectively eliminates up to 99.9 % of resistant, airborne spores.**¹ It therefore offers first-class UVC air disinfection in sensitive environments. Bioaerosols with mould spores from *Penicillium rubens* (DSM 848) as well as bacterial endospores from *Bacillus atrophaeus* (DSM 675) were generated for the tests.

Immediate effect with a single passage

Even a single passage through the UVR-XS reduces:

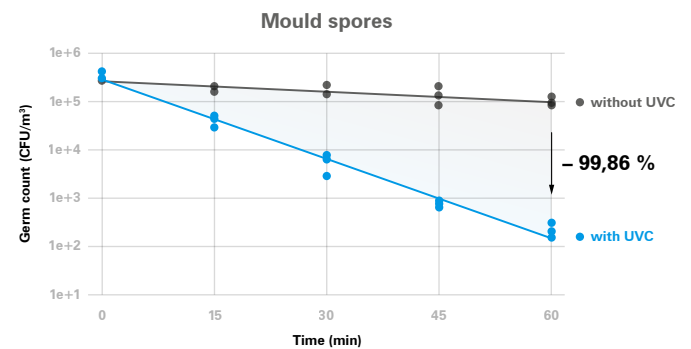
- **99,91 % of mould spores** and
- **99,83 % of bacterial endospores.**¹



Permanent air disinfection in the room

The continuous air circulation of the UVR-XS in a 30 m³ room reduces within one hour:

- **99,86 % of mould spores** and
- **99,90 % of bacterial endospores.**¹



Made for sensitive areas of application

With an air flow rate of 270 m³/h, the UVR-XS was specially developed for smaller rooms, such as food warehouses, production facilities, maturing cellars and other hygienically demanding environments. The proven UVC technology of **sterilAir** ensures a drastic reduction in mould, bacteria and phages – without any chemicals!



Download test report (only available in german)

„Prüfung der mikrobiziden Wirkung eines UV-C basierten Luftentkeimers“
by Fraunhofer IVV dated January 28th 2025

1. Test report „Prüfung der mikrobiziden Wirkung eines UV-C basierten Luftentkeimers“, QL-1063-24, Fraunhofer Institut für Verfahrenstechnik und Verpackung IVV, Freising, January 2025.