

The background of the entire page is a vibrant blue sky with white, fluffy clouds. Sunbeams radiate from the top left, creating a bright, airy atmosphere. Large, semi-circular graphic elements in shades of blue and purple are positioned on the left and right sides of the page, framing the central text.

ENLIGHT THE FUTURE OF DISINFECTION

Innovative UV-C Disinfection
from a single source

Low Pressure
Medium Pressure
Pulsed Light
Micro-Lab
Components

SAFE HYGIENE WITH UV

With reliable UV disinfection systems for air, surfaces and objects you ensure hygiene without chemicals and with proven effectiveness.

Benefit from decades of UV expertise combined with a deep understanding of hygiene-critical environments – giving you the confidence to meet even the highest standards.

Whether in healthcare, industry or public spaces – wherever safety and hygiene are essential – UV technology supports your responsibility to protect people, processes and products every day.

Through continuous innovation and rigorous quality standards, you receive systems that not only meet but exceed the demands of modern hygiene.

Since every application is unique, tailor-made solutions are designed to match your exact requirements. This way, you secure optimal performance and seamless integration – no matter how specific the challenge.



TECHNOLOGY

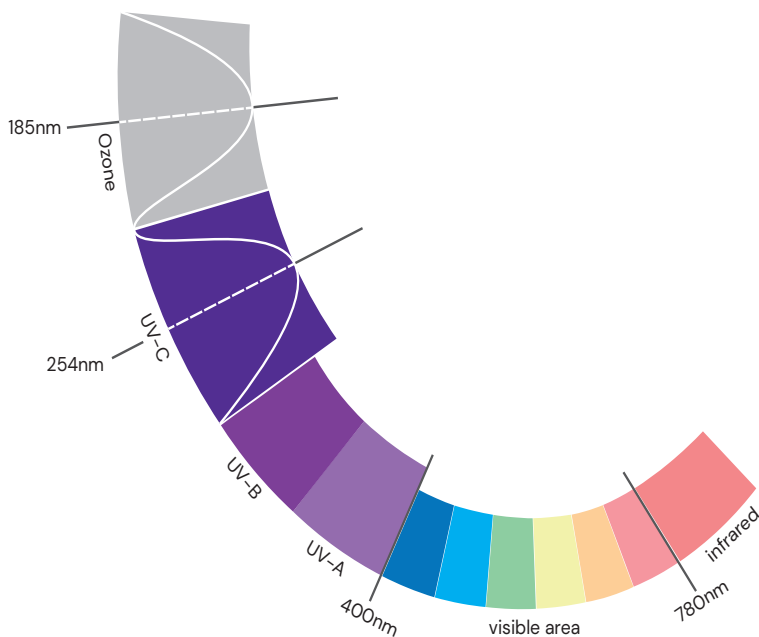
We harness the full potential of the UV-C spectrum to reliably inactivate microorganisms – without chemicals and without residues.

Low Pressure UV lamps generate a precise wavelength of 254 nm, which is close to the germicidal optimum of 265 nm. Highly energy-efficient and ideal for continuous disinfection of air, surfaces, and water.

Medium Pressure UV lamps produce a broad UV spectrum (200–300 nm) with high intensity, enabling rapid disinfection in demanding industrial processes or high-volume applications.

Pulsed Light systems use powerful pulses of broad spectrum UV-rich light to achieve instant microbial inactivation. Perfect for sensitive surfaces and highspeed production lines.

All our systems are designed for maximum safety, proven effectiveness, and easy integration into your processes.



LOW PRESSURE EFFICIENT UV PROTECTION WITH LONG LIFE LOG1-LOG3

Our customers' challenges motivate us to develop groundbreaking disinfection solutions for every application, especially in the food industry. Shortwave UV-C radiation effectively inactivates germs such as bacteria, viruses, yeasts and mold spores. The process is physical, chemical-free and can be specifically integrated into existing production processes.

ULE-SERIES AIR DISINFECTION UNIT

Safe air disinfection in rooms with personnel present. ULE achieves UVC disinfection under challenging environmental conditions and reliable use in highly contaminated areas.

FBK CONVEYOR BELT DISINFECTION UNIT

As pioneers in their field, our customers are setting standards for hygienic production. FBK units are tailored to be integrated underneath existing conveyor belts for utmost cleanliness during processing.

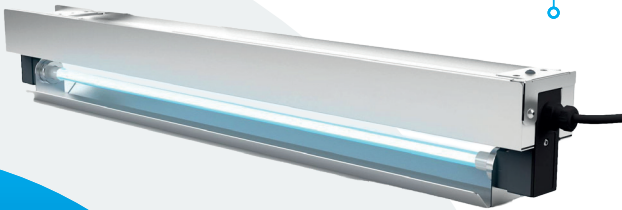
DE TUNNEL DISINFECTION

Pass-through disinfection systems with advanced High-Performance Technology (HPF) delivers 360° surface disinfection. Each DE system is custom-built to meet your specific requirements, whether seamlessly integrated into an existing production line or installed as part of a new system. This ensures thorough treatment without the use of heat or chemicals – safe and efficient every time.



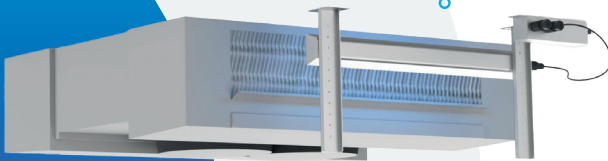
PF512 AIR DISINFECTION UNIT

PF-series equals effective purification of circulating room air – ideal for air movement caused by evaporator fans. Incoming air is quickly treated with a targeted UV-C dose. A reliable elimination of unwanted microorganisms without chemicals for a healthy and safe indoor climate.



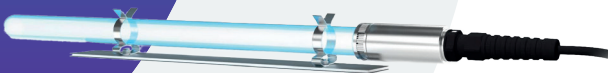
VD EVAPORATOR DISINFECTION UNIT

Preventing biofilm on evaporators ensures proper heat and cold transfer and keeps the indoor air free of germs and mold. VD series products are recommended for combating odors in HVAC systems.



TL WATER DISINFECTION UNIT

The TL immersion emitter system keeps your water clean, safe and crystal clear – without chemicals. Powerful UV-C light eliminates germs and prevents algae growth in air washers, cooling towers, fountains, tanks, humidifiers and ponds.



MD3S KNIFE DISINFECTION UNIT

The highest hygiene standards are mandatory in food processing companies. Since everything starts with the first cut, knife disinfectors such as the MD3S ensure safety with every single cut.



MEDIUM PRESSURE

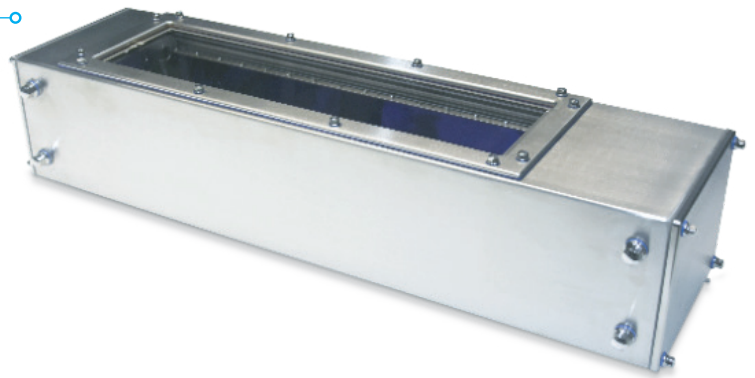
POWERFUL IN COMPACT FORM

LOG3-LOG4

From the very beginning, customers have inspired the development of advanced, tailor-made solutions. Every component of a UV system must perform reliably even under extreme conditions – exactly what UVATEC stands for.

UVATEC

Durability under continuous UV exposure, user-friendly operation and proven technology define a water-proof UV module. Whether for disinfecting heat-sensitive products or tall containers, UVATEC is the essential choice.



PULSED LIGHT

ULTRA-FAST STERILISATION

LOG4-LOG7

PULSED LIGHT MACHINE

Ensures rapid and reliable surface disinfection without the use of chemicals. Intense light pulses inactivate microorganisms within fractions of a second, providing maximum hygiene and product safety. The systems are sustainable, leave no residues, and can be easily integrated into existing production processes.



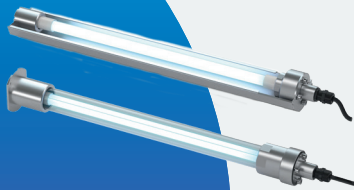
UVC COMPONENTS

Whenever space is limited, finding the right disinfection solution can be a challenge. Our extensive UV portfolio empowers you to tackle air, surface, and water disinfection efficiently even in tight spaces. Benefit from flexible components designed to fit specific needs without compromise. With expert support available throughout selection and installation, you can be confident in achieving effective and seamless disinfection.



AIR CHANNEL INSTALLATION KL-/KB-SERIES

For HVAC installations, UVC devices ensure reliable disinfection. Recirculated or fresh air microorganisms are deactivated and destroyed. This reduces sick building syndrome and infections efficiently and effectively.



SURFACE TREATMENT WITH FR/FS-SERIES

UVC surface solutions provide targeted disinfection of conveyor belts and packaging. Optional reflectors optimize UVC radiation to the treated surfaces, enhancing both disinfection efficacy and production output.



UV LOW PRESSURE LAMPS

With high-quality core components, customers have the ability to independently design and build customized UVC systems. The precisely matched UV lamps are specifically tailored, ensuring optimal performance. Complementary accessories support easy integration and flexible system adaptation.



UV MONITORING EQUIPMENT

All UV systems require regular monitoring. Whether measuring UV output alone or analysing germ reduction directly, comprehensive testing procedures are essential to ensure reliable performance.

MICRO-LAB

SAFETY IN EVERY STEP

IN-HOUSE LABORATORY

In our application laboratory in France, processes are tested and validated under real conditions. With a collection of more than 50 microbial strains and patented biological indicators – recognized with multiple innovation awards – we determine which microorganisms need to be specifically targeted. Based on these insights, we develop the perfect solution tailored to your needs.

Using validated analytical methods and tailored protocols, microbial reduction is precisely measured and thoroughly documented across powders, liquids, surfaces, and packaging. The results provide reliable evidence for audits and certifications, while clear data accelerate implementation.

Our laboratory services deliver measurable results, verified safety, and give you the confidence that your products and processes consistently meet the highest hygiene standards.



OUR SALES LOCATIONS

- Hoenle AG, Germany
- Hoenle UV Disinfection GmbH, Germany
- Hoenle UV Disinfection Austria GmbH, Austria
- Hoenle UV France S.à.r.l., France
- STERIXENE SAS, France
- Hoenle UV UK Ltd., United Kingdom
- Hoenle Quartz Malta Ltd., Malta
- Hoenle Americas Inc., USA
- Hoenle UV Technology Trading (Shanghai) Co., Ltd., China

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