

DESIMAT
France



UVC lamps for the disinfection of
water, air and surfaces

NATURALLY DISINFECTED

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Research, development and Production from a single source

Decades of experience

The dissol GmbH, an independent medium-sized company, manufactures and develops UVC low-pressure emitters and systems for various applications and manufacturers. Innovation paired with some decades of experience of its employees and management ensure the highest quality products and services.



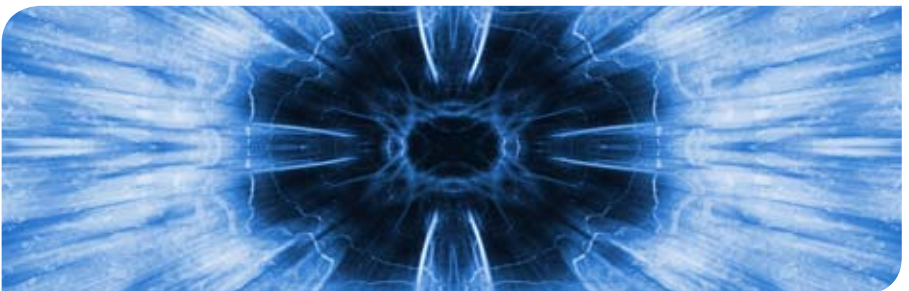
Cutting-edge technology

Highest quality standards and first-class components and production processes guarantee our customers products that leave nothing in terms of their reliability, performance and durability desired. When realizing we fall back on the latest development and metrology.



Customized systems

The flexibility to comply with individual customer requirements in a short time frame stands in the foreground in dissol GmbH. This makes it possible for us to develop customized and optimized systems and designs.

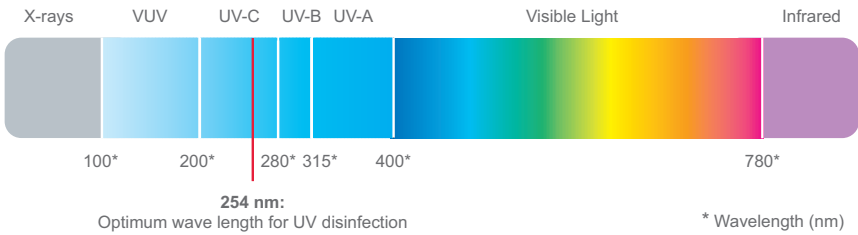


dissol UVC lamps are used e. g. for the disinfection of water in municipal water treatment plants.

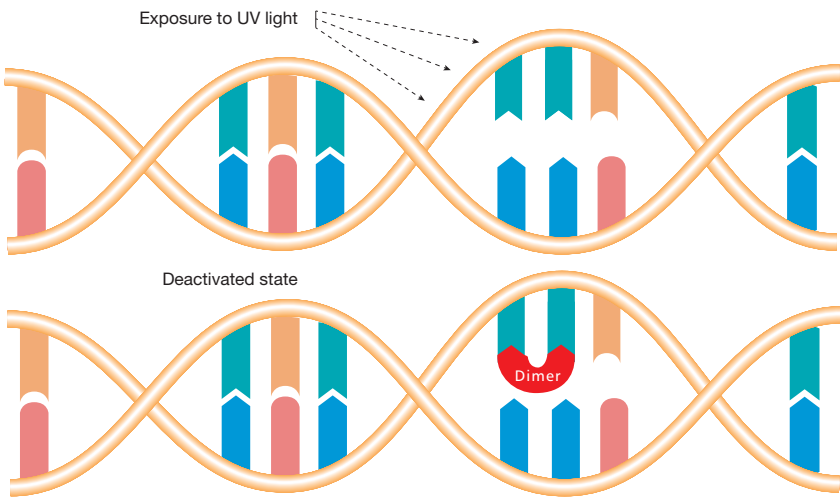
UV disinfection with dissol lamp technology

Environmentally friendly disinfection without chemicals

For the disinfection of liquids, air and surfaces we offer our UVC low pressure lamps for a natural physical process that has been proven as an alternative to chemical processes. The UVC lamps emit antibacterially effective radiation with a wavelength of 254 nm. The use of chemicals is then generally no longer necessary.



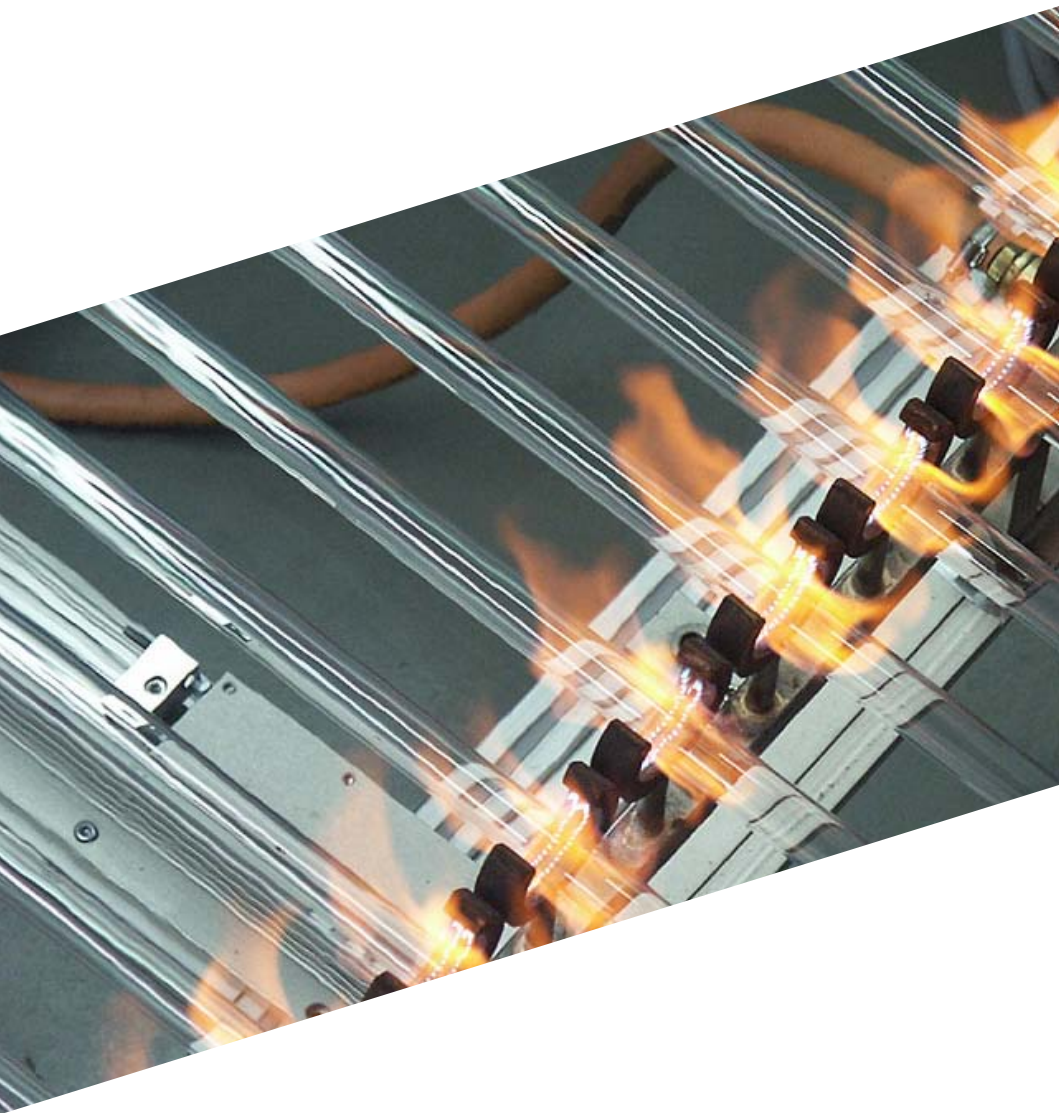
Chlorine-resistant pathogens in particular can be deactivated with UVC radiation. It should be emphasized that the taste, smell and pH of the medium are not affected. This is a major difference to the chemical treatment of drinking or process water. For this reason, UVC low pressure lamps have become the most efficient light sources for chemical-free water treatment worldwide. We also manufacture ozone-producing emitters for **TOC removal, odour removal, fat reduction in kitchen exhaust systems and various applications for the reduction of pollutants**. These are UV lamps with an emission range of 185 nm (VUV or vacuum UV) and 254 nm. Efficient UVC low-pressure radiators are also becoming increasingly important in terms of reducing CO₂ emissions.



Parts and Services

Technical units for UV disinfection require **regular maintenance** and **spare parts**, to ensure their operation. A **fast and reliable availability** and **highest quality** of all components are essential. For these reasons, apart from their own products, the dissol GmbH offers also **service, maintenance and supply of equivalent spare parts**.

We would be pleased to convince you of dissol GmbH's products and service quality. We are looking forward to your enquiry and will be happy to make you an offer.



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