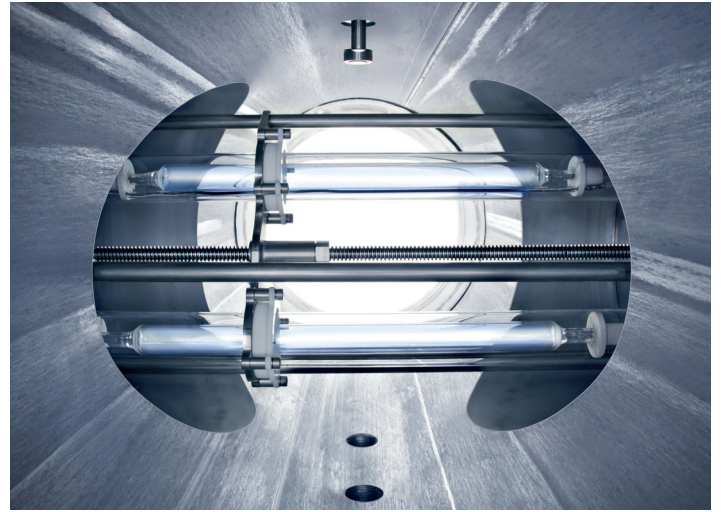


UV-medium pressure

## UV-medium pressure

Both companies, **Aladin GmbH** and **UV-Technik Speziallampen GmbH**, are experts in the area of UV-medium pressure lamps, and are members of the internationally successful Hönle Group. The group employs more than 500 people – for your success.



Throughout the full product development process, we work closely with our customers to develop the exact solution required for their UV system.

In addition to UV medium-pressure lamps, **electronic ballasts, UV sensors, submersible tube systems and measuring equipment** complete our extensive portfolio.

### The basics of our success

- Committed and qualified employees
- A successful history of collaboration with industrial partners
- Cooperation with Universities of Applied Sciences and Laboratories
- High demand for our components
- Application laboratories for customer tests

### Individual is our standard

- and this has been the case for more than 25 years.

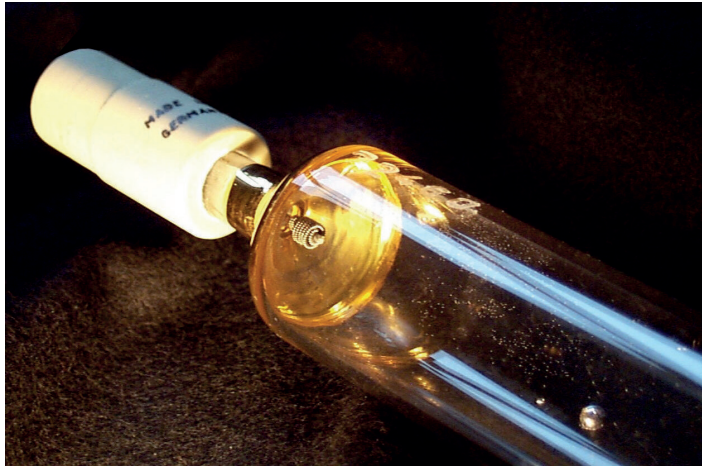
At our production sites in Rott am Inn (Bavaria) and Wolfsberg (Thuringia), we develop and produce **customer-specific UV lamp solutions** for the most stringent requirements.

### Latest manufacturing technologies for your success product

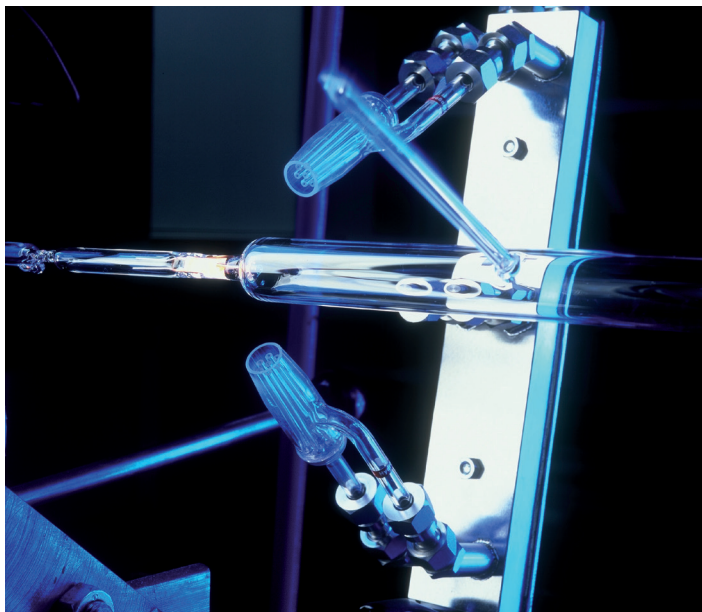
High-tech production lines are available for our UV lamp production. At each step of the process we focus on the best quality, and sustainability for the utmost satisfaction of our customers.



In the fields of both ink and varnish curing, as well as in UV disinfection or oxidation, our special light sources increase the process stability. Downtimes are minimized or even eliminated completely.

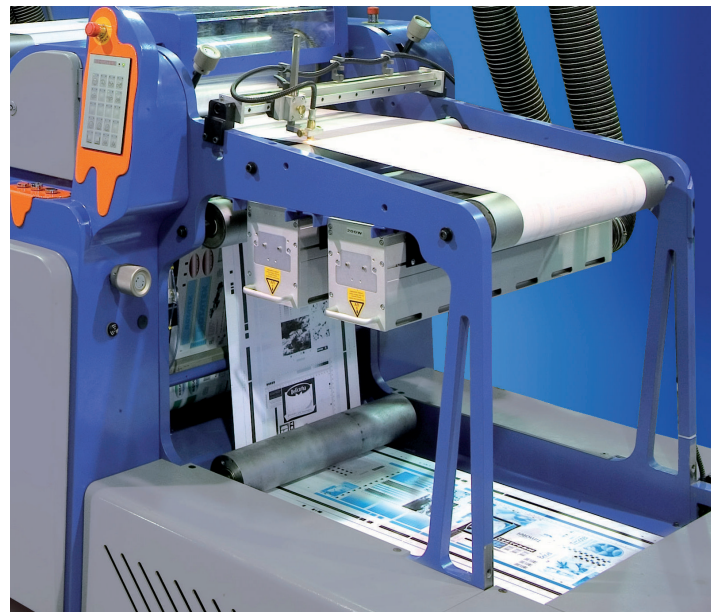
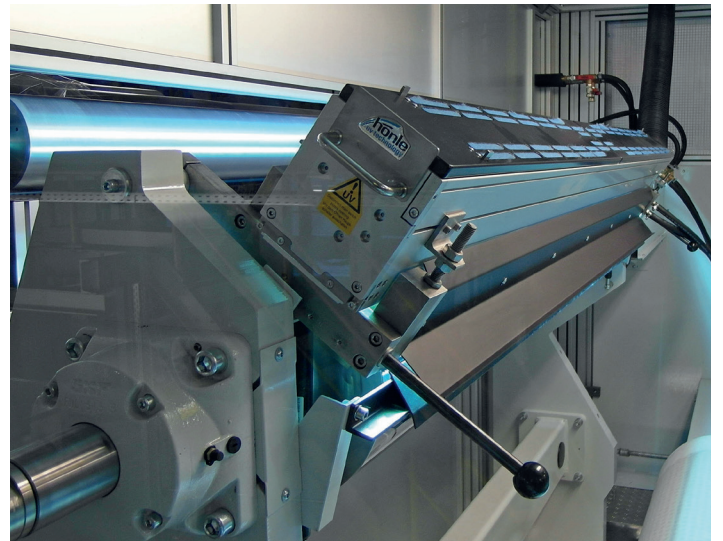


Example application of our products includes use in **high-performance printing machines and in water treatment plants for the treatment of ballast water, drinking water, waste water or process water** at high flow rates.



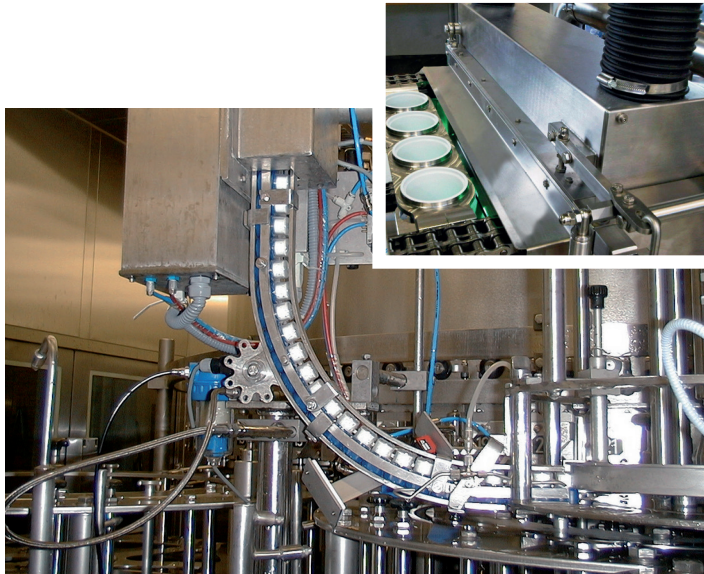
## Rapid curing of inks and coatings

UV medium-pressure lamps are used for curing printing inks or coatings. By the addition of various chemicals or rare earths, we precisely match the spectrum to the absorption range of the photo-initiators used. This leads to perfect drying results - even at high machine speeds.



## Maximum disinfection of surfaces and liquids

Wherever the smallest possible sizes and the highest efficiency are required, our UV medium-pressure lamps are used.

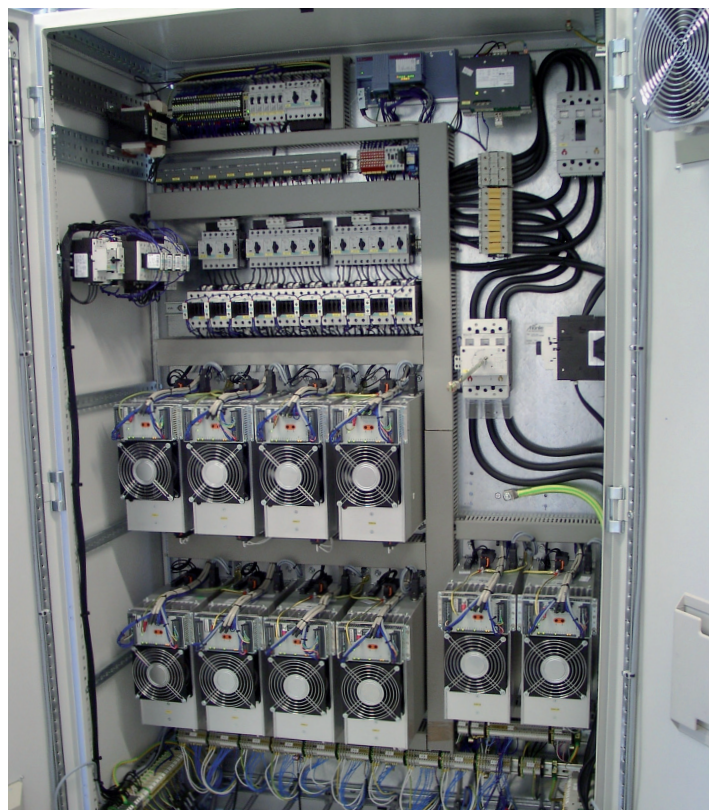


As an example, with the help of the UV components that our company supplies, the amount of chlorine used in swimming pools can be reduced, bacteria and viruses can be inactivated in water, or water contaminants can be destroyed without changing the water matrix.



## More compact, faster, more efficient

Electronic ballasts are considered to be among the most important key components in the UV-system. Therefore, we develop them ourselves!



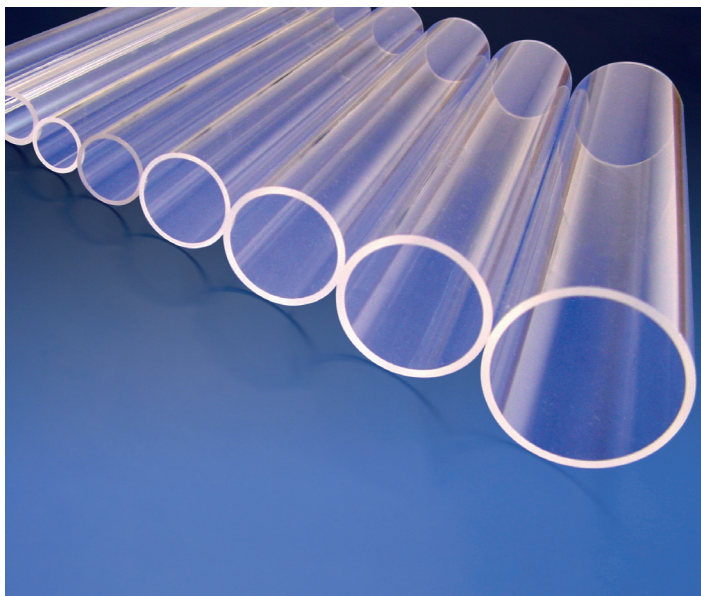
Our focus is on the highest efficiency and longevity of all components. The compact size and cable **lengths up to 300 m** allow plant manufacturers **maximum flexibility** in the design of their UV systems.

In order to ensure optimum and reliable plant operation, we supply highly developed ballasts with analog or digital control. The incorporation of the UV system into the overall project thus becomes very simple.

We support you from the design of your UV systems through to the installation of the system.

### Quartz glass products in utmost quality

Quartz glass tubes are the basis for high-quality UV lamps as well as protection sleeves. Within the production of our quartz components we concentrate on the highest operational standards of purity and precision.

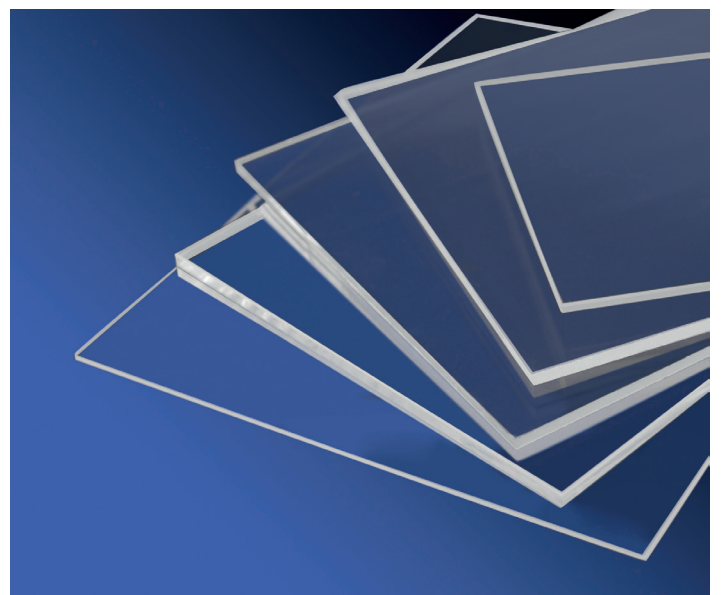


Depending on the application, we use **different types of quartz glass** to prevent the creation of ozone or to effect it intentionally.

Designed on this basis are our UV-lamps as well as submersible and immersion tube systems – on request with water-tight flange connectors for application-specific and custom-made products.



Quartz glass plates and rods complete our portfolio.



## Measuring, checking, monitoring

- are essential for an efficient operation of a system.

Whether you need system sensors for precise in-line monitoring of a disinfection system, a UV reference meter or UV measurement strips for the printing industry, we offer **the right equipment for every application.**



The accuracy of our measuring instruments in UVC disinfection systems, as well as the **long-term stability and unique quality in the area of UV medium pressure technology**, make us a world leader in this market area.



## The key to our success is continuous enhancement

In order to provide our customers with the best possible and up-to-date lamp standards, we not only continually develop our lamps, but also design and develop new system components. In addition, all our products are tested in our own water or air laboratory.



For this purpose, UV-Technik Speziallampen GmbH has extensive measuring equipment and test facilities.

**Numerous UV reactors and a fully-equipped water laboratory are available for individual customer tests.**

For our customers from the printing industry, we carry out curing tests of printing inks and UV coatings in our **application center** using various UV radiation technologies.

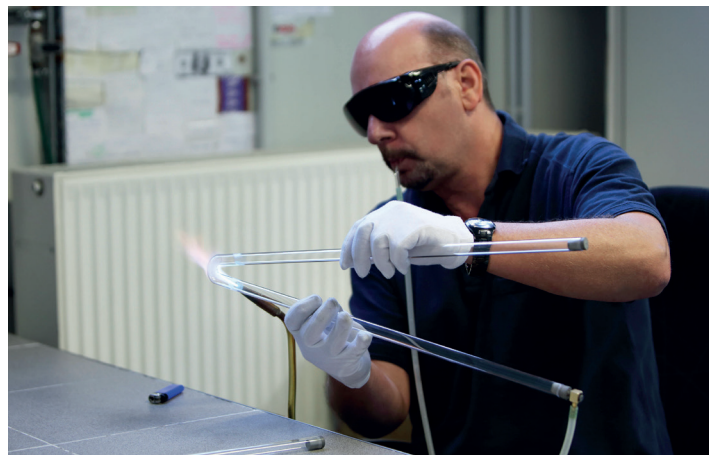


To ensure the highest quality, all UV lamps are measured in irradiation chambers or specially equipped dark rooms before they leave our premises.



## UV-Technik Speziallampen GmbH – worldwide partner for the industry

UV-Technik Speziallampen GmbH is represented worldwide at 9 locations and delivers to all countries. Our company is located in Germany, which is both a production and development facility.



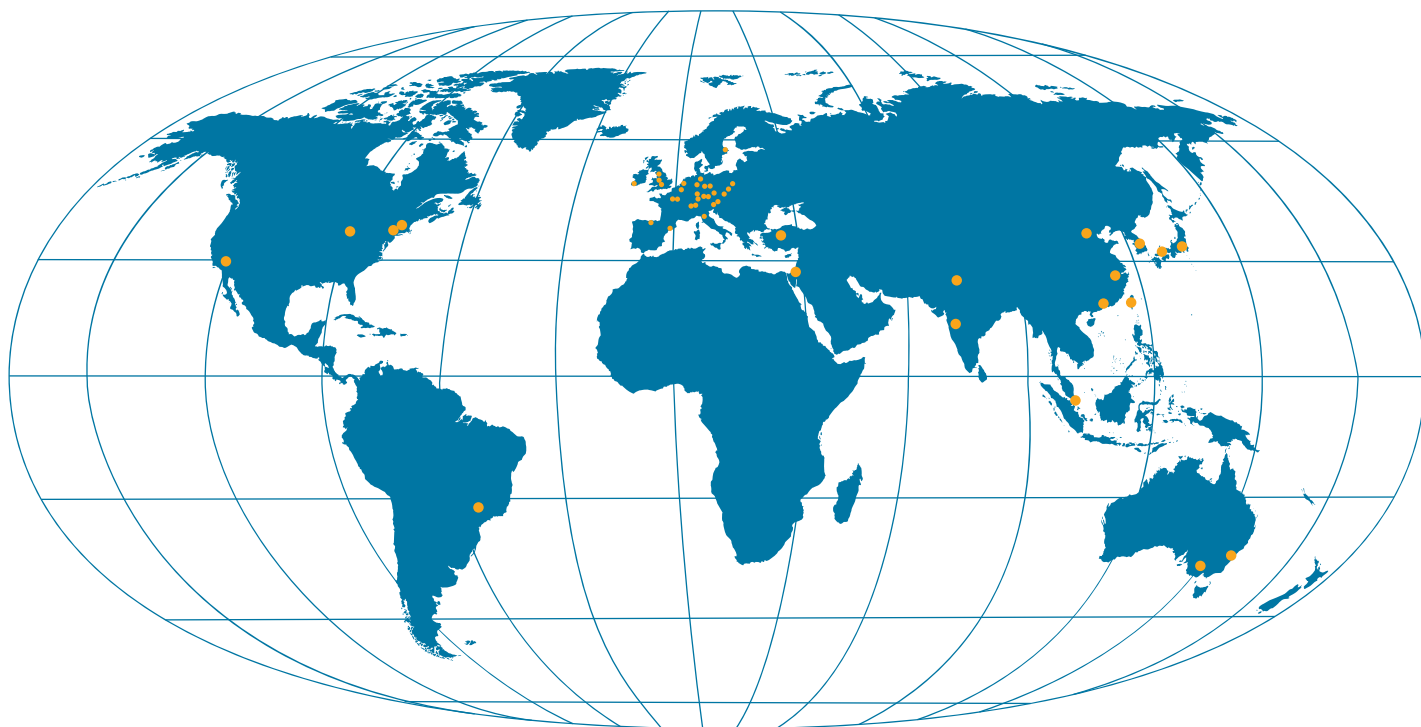
Our offices are located in all those countries that have a key position for the operative business. In addition, our company has a strong network of sales partners.



About the Hönle Group: In addition to the parent company, UV systems specialist Dr. Hönle AG (UV / UV-LED units and systems, professional lighting technology), the Hönle Group also comprises of the sheet-offset specialist Eltosch Grafix (UV/UV-LED/IR/hotair dryers and peripheral units, e.g. ink fixation and powder systems) and the UV specialist for web printing PrintConcept.

Experts in the division glass and lamp manufacturing are Raesch (customized quartz glass components), UV-Technik Speziallampen (lamp manufacturing, e.g. for UV disinfection) and Aladin (UV lamp manufacturing). A further subsidiary is the adhesives specialist Panacol.

The German based Hönle Group has local subsidiaries in China, France and the USA as well as a sales offices in Italy and a sales & service office in Spain. The Hönle Group also has an extensive worldwide network of experienced sales and service partners.



<b>hönle group</b>		Disinfection	Drying	Curing	Control	Measuring
aladin	eleco panacol-efd	eltosch grafix	hönle	panacol	printconcept	raesch uv-technik speziallampen



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Operating parameters depend on production characteristics and may differ from the foregoing information.  
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