

Press Release

Gilching, January 7, 2025

The Entire Spectrum for Curing

The Hönle Business Unit Curing will showcase LED-UV and UV curing systems, as well as IR/hot air dryers for digital printing at the Hunkeler Innovationdays 2025. The drying specialists offer tailor-made solutions for every printing application, ensuring process reliability and top-notch product quality.

For decades, the Hönle Business Unit Curing has been a trusted partner of the printing industry, with their customized curing and drying systems used worldwide in a wide variety of printing machines. At the Hunkeler Innovationdays, the **focus of their exhibition will be on combined IR/hot air modules designed for drying water-based inkjet inks**. The highlight of these systems: the hot air not only enhances the drying process through powerful removal of moisture but also cools the IR lamp, thus significantly extending its lifespan. Both drying components can be controlled independently.

Developing this IR/hot air module the developers also prioritized user-friendliness: Thanks to its space-saving design, the module can be easily integrated into printing machines. Moreover, the IR/hot air dryer can be quickly and easily removed from the machine due to its unique cassette technology – for instance, for the rare lamp replacement or to make room for an optional UV module, depending on the application's requirements.

Hönle will also present a **selection of its pioneering LED-UV curing devices for digital printing**.

Press Release

A world first is the new **UV Scan MACS**, featuring **patented measurement technology for the simple and precise determination of UV dosage**. The system consists of the reliable, industrial grade macsReader and the calibratable macsStrips, providing accurate measurement results.

Learn more and visit the Hönle Business Unit Curing at the Hunkeler Innovationdays in Hall 2, Booth 611.



With Hönle BU Curing's IR/hot air cassette, water-based inkjet inks can be reliably dried.



Highly precise, easy to handle – and a world first: the UV dosage measurement device UV Scan MACS with patented measurement technology.



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About Hönle Group: Dr. Hönle AG is the parent company of the Hönle Group, based in Gilching / Munich. The publicly listed UV specialist is one of the world's leading suppliers of industrial UV technology. The company develops, manufactures, and markets UV/LED-UV systems and equipment, UV lamps, and UV measuring technology worldwide. The business is divided into three units:

The **Business Unit Curing** comprises experts in curing and drying solutions for printing and coating applications, as well as for exposure and solar simulation. **Hönle** develops, produces, and distributes UV/LED-UV devices and systems for coatings and digital printing, along with the corresponding measuring technology. Additionally, the product range of the UV expert includes devices and systems for solar simulation and professional lighting, for example in the automotive industry. The division **Eltosch Grafix** represents UV/LED-UV curing devices and IR/hot air dryers for sheetfed printing applications, as well as peripheral equipment for the printing industry.

PrintConcept is the expert for UV devices and UV/inert UV systems for web printing.

The Business Unit Disinfection consists of disinfection experts such as **uv-technik Speziallampen** (UV/IR lamp manufacturing, ballasts, sensors), **Sterilsystems** (UVC devices for disinfection and sterilization of air, water, and surfaces), Hönle (UVC surface disinfection), and **Sterixene** (pulsed-light xenon systems, bioindicators, rapid analysis in microbiological laboratories). **Raesch Quartz** (Malta) is the expert in glass and lamp manufacturing, specializing in custom quartz glass components.

The **Business Unit Adhesive Systems** units experts for bonding and sealing applications: **Panacol** (industrial adhesives and sealants), **Eleco** (industrial adhesives and dispensing systems), and **Hönle** (UV and LED-UV curing systems). Their products are used in manufacturing processes for emerging markets such as electronics, microelectronics, precision mechanics, optics, automotive (including e-mobility), aviation, and medical technology.

In addition to **international subsidiaries** in China, Korea, France, Great Britain, Austria, Malta, and the USA, as well as a sales office in Italy, the group has a **dense network of distribution partners** worldwide.

Press Release

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