

Press Release

Gilching, December 10, 2024

Tailor-Made UV Curing for Converting Applications

The Hönle Business Unit Curing will showcase UV and LED-UV curing systems for a wide range of converting applications at ICE Europe 2025.

At the ICE Europe exhibition, UV specialist Hönle will present a selection from its extensive portfolio of UV and LED-UV curing devices designed for converting applications. The product range is complemented by hybrid LED/UV systems, IR hot air modules, and UV/LED-UV measurement technology, including the brand-new UV Scan MACS.

A highlight of the exhibition is a UV curing chamber designed to be mounted over a water-cooled roller. Equipped with reflectors and UV emitters, this system ensures efficient and uniform curing on delicate and temperature-sensitive materials. Typical applications include curing coatings on technical films as well as crosslinking silicones and hotmelt/PSA adhesives.

A standout feature of the UV curing chamber is the optional nitrogen inertisation, which reduces the residual oxygen content in the irradiation area to below 50 ppm. This significantly enhances the coating's properties regarding sensor sensitivity, migration behaviour, and mechanical and chemical resistance.

The system is highly versatile and suitable for various materials, including paper, films, and plastics. It provides a practical solution for numerous

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industries, ranging from packaging and technical film materials to pharmaceutical products.

By using the Hönle UV chamber, customers benefit from improved product quality, reduced process times, and a user-friendly design that ensures easy access and maintenance.

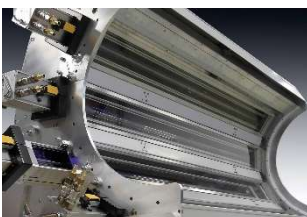
A world first, the new **UV Scan MACS** features patented measurement technology for simple and precise determination of UV dosage.

Learn more and visit the Hönle Business Unit Curing in Hall A6, Stand 736.



Caption:

UV-Inert chamber mounted over a water-cooled roller



Caption:

Look into a UV-Chamber for coating applications on delicate materials

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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: BU Curing, BU Disinfection, and BU Adhesive Systems.

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.

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.

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