

## Press Release

Gilching, January 14, 2025

# Customized Curing and Drying Solutions

**The Hönle Business Unit Curing will present its curing and drying systems at the European Coatings Show 2025, showcasing solutions for use in laboratories and production environments. As a solutions partner for the coatings industry, Hönle offers customized conveyor belts for laboratories and small-scale productions, as well as UV measuring devices for optimal process reliability.**

Selecting the right curing or drying process is an essential part of any coating or finishing process. Regardless of the material or whether it involves web-based or three-dimensional objects, Hönle provides the best solutions for curing coatings, paints, adhesives, or silicones efficiently and reliably.

The key to achieving top-quality results and an efficient process lies in the optimal coordination of coating material and curing system. Hönle supports its customers from the very beginning: from individual consultations and preliminary testing in its in-house application lab or on-site at the customer's facility to tailored solutions and comprehensive after-sales support.

### **Decades of Expertise in IR and UV Technology**

For decades, Hönle has been developing and manufacturing IR and UV technology for coating applications, positioning itself as a trendsetter in the emerging field of LED-UV technology. Continuous research and close

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customer collaboration have resulted in a unique range of curing and drying systems.

### **Drying and Curing Devices for Laboratories and Manual Production**

Hönle's product portfolio includes reliable systems designed for laboratory use or manual production, including cleanroom environments:

For the development of coatings, paints, and adhesives, as well as for simulating production processes, Hönle offers **conveyor systems** that can be customized in terms of belt width and speed to meet specific customer requirements. Additionally, the conveyors **can be equipped with various technologies**: depending on the application, LED-UV, UV, or IR systems can be easily integrated and combined.

The **LED Cube 100** is a compact LED-UV irradiation chamber. Its emission spectrum can be adapted to a wide range of applications by using different LED-UV devices. The arrangement of the LEDs and an electronic power control ensure a highly intense and homogeneous light distribution inside the chamber.

### **A Broad Range of Drying and Curing Systems**

The **LED Powerline product series** is available in numerous variants. Optimized for the respective application, it is offered in different wavelengths and in air- or water-cooled versions. Its design ranges from lightweight and compact models to larger units > 2 m with seamless coverage.

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### A World First for Unmatched Precision in Measurements

To consistently achieve the desired results, it is essential to conduct regular tests during the coating process. For this purpose, Hönle provides professional measuring equipment.

A groundbreaking innovation is the **UV Scan MACS with patented measuring technology**. This in-line measurement system monitors UV dosage during the process, delivering precise and reproducible results – even on vertical webs and for roll-to-roll applications. The UV Scan MACS combines the highest precision with maximum user-friendliness.

**Visit Hönle at the European Coatings Show 2025 in Hall 4, Booth 539.**



Hönle's conveyor systems can be equipped with LED-UV and conventional UV solutions and tailored to customer needs.



Super precise, easy to use – 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: 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.

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 sales offices in Italy and Spain, the group has a **dense network of distribution partners** worldwide.

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