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# UV curing systems: the right choice for laboratory, technical centre and production.

**At the European Coatings Show 2023 Dr. Hönle AG presents a wide range of curing and drying systems for inks, varnishes, adhesives and silicones. The UV specialist also offers customized conveyor belts for the laboratory and small-scale production as well as UV measuring equipment to ensure best curing results.**

Various materials, web-shaped and 3-D substrates, coatings made of varnishes, inks, adhesives or silicones – as different coating applications may be, in most cases, curing with UV or LED-UV technology is the best choice. Dr. Hönle offers a comprehensive range of these high-end drying systems.

UV specialist Hönle has been developing and manufacturing UV technology for coating applications for almost 50 years. Continuous research and a close contact to their customers have led to a unique range of UV and LED-UV curing systems. But the best drying system alone is not enough to achieve the desired coating result, it is essential to previously match the curing system with the coating material. Therefore, Hönle

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offers their customers profound individual consulting including pre-testing in the application laboratory.

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### **Curing systems for laboratory and manual production**

The Hönle product portfolio comprises systems for the use in the laboratory or for manual production, also in a clean room:

The flexible **UV conveyor belt ConVey II** is a must-have for developing varnishes, inks and adhesives but also perfectly apt for simulating manufacturing processes. This conveyor system can be tailored specifically to the customer need relating bandwidth and running speed. Moreover, ConVey II can be equipped with various curing and drying technologies, according to the application, LED-UV, UV or IR systems can be integrated very easily.

The [LED Cube 100](#) is a compact **LED-UV irradiation chamber**. Its emission range is adjustable to various fields of application by employing different LED units. The chamber's LED assembly as well as an electronic power control guarantee a highly intensive and homogenous light distribution inside the chamber.

### **The whole range of drying and curing units**

The [product series LED Powerline](#) is available in numerous versions

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and can be perfectly matched to every application. It is offered in different wavelengths, with air or water cooling. Its design ranges from light and compact up to curing units > 2 m with gapless LED assembly.

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The **high-performance curing units of the [jetCURE series](#)** are effective in every respect. They are available as classical UV version with mercury, iron or gallium spectrum but also in a LED version with different wavelengths.

Another member of the **product family is jetCURE IR**. This compact and powerful IR/hot air module has got an integrated extraction which exhausts the humid warm air from the drying zone. Different wavelengths can be generated by an easy exchange of the IR lamp.

A compact design for even larger irradiation areas: With the LED Spot 200 the **[LED Spot series](#)** by Hönle has got a new member. With a light aperture of ca. 200 x 50 cm the LED Spot 200 allows a homogenous and highly intensive UV irradiation of large areas. It is available with different wavelengths and as a high-power version.

### Measuring equipment for permanently good results

In addition to their conveyor belts and leading UV curing technology, Hönle offers professional measuring equipment for manufacturing processes or laboratory use. If static or continuous measuring, measu-

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ring units from [uv-technik Speziallampen](#), a subsidiary of Dr. Hönle AG, stand for highest precision and ease of use.

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**Visit Hönle at the European Coatings Show 2023, hall 4, stand 539.**

**About Hönle:** [Dr. Hönle AG](#), head of Hönle Group, is one of the world's leading suppliers for industrial UV technology. The UV specialist, who is noted on the stock exchange, develops, manufactures and distributes UV/LED-UV units and systems, UV lamps and UV measuring equipment, worldwide. The systems are used for the cross-linking of photo-reactive substances, for disinfection, solar simulation and lighting.

Hönle products are used at manufacturing processes in electronics, micro-electronics, precision engineering and the optical industry, as well as in the printing, coating, automobile, aerospace, pharmaceutical and photovoltaic sectors. Further fields of application are the food industry, hospitals, room air disinfection and water treatment.

For almost 50 years, the UV specialist Hönle has been very successful in developing curing and coating technology. The innovative Hönle UV and LED-UV systems can be easily integrated into various manufacturing processes where they achieve excellent results.

For more than 30 years, Hönle has also been developing high-efficient UVC devices for the disinfection of surfaces but also of water and air.

Hönle is ISO 9001 and ISO 14001 certified. All Hönle products bear the CE mark.