

Press Release

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High end UV dryers for inkjet printing

At Fespa 2011, Hönle are showcasing their innovative drying systems based on conventional UV and UV LED technology

This year's **Fespa digital** will be opening its doors in Hamburg from 24-27 May 2011. **Dr. Hönle AG** will be there. The UV specialist is presenting its powerful dryers for inkjet printing in **Hall A1, Stand C89**. With more than ten years of experience and a large number of UV cassettes and systems being effectively employed, Hönle has long been the global market leader in high-end UV dryers for large-format inkjet printing. "But this doesn't mean that we're resting on our laurels," asserts Wolfgang Kiefer, Group Leader of Sales at Hönle. "We continue to place the highest priority on research and development."

UV and UV LED dryers for inkjet printing

At the Fespa 2011, Hönle is exhibiting the successful UV dryers of the **UVAPRINT** series, such as the SOV 100. This compact, powerful UV unit can be readily integrated in almost any production process and is suited for all web and three-dimensional applications.

In addition to conventional UV technology, Hönle also offers highly efficient UV LED devices for the pinning and curing in inkjet printing. The

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LED Powerline in particular is well-established on the market and continues to undergo rigorous and continuous development. It is available in different lengths (in 40-mm steps) and in wavelengths of 365/375/385/395/405nm, enabling it to be optimally matched to the particular application at hand.

In addition to featuring the usual advantages of LED technology, such as the long lamp life, the absence of a heating and cooling phase and the ability to be switched on and off as often as necessary, the LED Powerline is exceptional in its compact size, low weight and high irradiation power.

Efficiency gains with electronic power supplies

The use of Hönle electronic power supplies (**EPS**) can improve the drying process even further. EPS technology reduces the energy required to operate the UV drying system while keeping productivity levels constant. The electronic power supply has a power of 10 kW and can be regulated between 15% and 100% as needed. When cascaded, EPS units can achieve a total power of 12 kW.

The **EPS 200** is an electronic power supply for UV discharge lamps with a maximum power of 21 kW. Its power can be continuously reduced to 3 kW as needed. The igniter is already integrated in the device. Due to its minimal wiring requirements, the device is easy to connect while its compact design enables easy integration into production lines.

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Process-specific lamps

The core of any UV drying system is the lamp. Hönle develops, produces and distributes **high-end UV discharge lamps**. In addition to the standard products, UV lamps with arc lengths from 50 mm to 3000 mm, the UV specialist also produces customized and process-specific lamps with special lengths and doping. Hönle lamps are also available for third party products.

More information about our wide spectrum of UV and UV LED devices can be obtained at Fespa 2011. Visit us in Hall A1, Stand C89.

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About Hönle: The Dr. Hönle AG, head of Hönle Group, is one of the world's leading suppliers for industrial UV technology. The UV specialist, who are listed on the stock exchange, develop, manufacture and distribute UV systems, UV lamps and UV measurement equipment worldwide. The systems are used in the cross-linking of photo-reactive substances, for surface sterilisation and solar simulation.

Hönle products are used in manufacturing processes in electronics, micro-electronics, precision engineering and the optical industry, and in the printing, automobile, aerospace, pharmaceutical and photovoltaic sectors.

For years the UV specialist Hönle has been very successful in the curing and coating technology. The innovative Hönle UV systems can be integrated easily into specific manufacturing processes where they achieve excellent results.

About the Hönle Group: In addition to the original parent company, UV systems specialist Dr. Hönle AG, the Hönle Group also comprises of the UV dryer specialists PrintConcept (web offset printing) and Eltosch (sheet feed offset printing). Further subsidiaries are Aladin GmbH (UV lamps), UV-Technik Speziallampen GmbH (UV/IR lamps) and the adhesives specialist Panacol. The German based Hönle Group has local subsidiaries in France, Spain, United Kingdom and the USA, a sales office in Italy and a representative office in China. The Hönle Group also has an extensive worldwide network of experienced sales and service partners.