

Press Release

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Classics and Innovations

At this year's Labelexpo the Hönle Group shows trendsetting UV curings systems for label printing and narrow-web applications

Compact design, high efficiency and unique versatility – these are the features which characterize UV curing systems made by the Hönle Group. At the **Labelexpo 2011, hall 7, stand 7L75**, the worldwide successful UV specialists, represented by the head office Dr. Hönle AG and the specialist for rotary printing PrintConcept, show their first-class UV products for label printing and narrow-web applications. Amongst them are real classics of UV technology as the **UVAPRINT-series by Hönle**. These highly efficient UV dryers are available in many options and – due to their compact design – fit very well for inkjet-applications.

The **Hönle pureUV** is an UV high-performance dryer of the latest generation. Specific design and patented reflector geometry prevent direct radiant heat from reaching the substrate. In addition, the unwanted IR ranges are accurately filtered out. Altogether, this leads to a high intensive irradiation with a minimal temperature load and makes the pureUV ideal for curing temperature-sensitive materials. At developing the pureUV, Hönle set store on a very compact design. That allows this high-performance dryer to be employed on virtually any label printer.

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The innovative **UV system PC1-A-ECO by PrintConcept** is an excellent choice for label and narrow-web applications between 150 and 550mm. It guarantees a highly effective curing, even of temperature-sensitive substrates. The ECO-systems are available with air- or with water-cooling.

The Hönle Group has always been a pioneer of UV technology, R & D is highly important. As a consequence, the group offers trend-setting new developments. So the **Dr. Hönle AG has established itself as a trail-blazer and the European market leader in UV-LED technology**. More than 1.500 UV-LED dryers are employed in industrial curing applications worldwide.

Well approved for inkjet printing applications: The **LED Powerline** is a water-cooled high-performance-array for intermediate curing (pinning) and final curing for inkjet printing. It is highly intensive and has an external control system. Due to its low weight and its small dimensions the LED Powerline can be integrated even in smallest installation spaces.

What is new: From now on the LED Powerline is available **in different lengths**. Hence, the basic size of 76 x 10 mm can be optionally extended in 40-mm-steps. Each Powerline is divided into segments of four which can be activated independently from each other. Each segment is electrically driven by a compact and efficient integrated module for cap rail mounting.

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Naturally, the Hönle Group also offers **innovative solutions for UV curing in inert atmospheric conditions**, which more and more gains of importance in label printing and especially package printing. At the Labelexpo PrintConcept shows an **inerted UV system for low-migration inks**. The latest generation of nitrogen-inertization by PrintConcept is characterized by a flat inert-chamber and precise measuring technique. Nitrogen is uniformly distributed within the inert-chamber. A high-speed-inertization reduces the concentration of photoinitiators and thus reduces migration in food-package printing. A special characteristic of the PrintConcept technique: Air- or water-cooled UV units can be easily retrofitted with nitrogen-inertization.

Another highlight at the Hönle Group stand is the **live presentation of an inkjet-LED-curing in inert atmospheric conditions on a roll-to-roll printer in collaboration with Solex GmbH, Nuremberg**.

In addition to UV curing systems Hönle offers a broad range of compatible **high-tech peripheral equipment**, such as **UV lamps, UV measuring systems or electronic power supplies**. Amongst them another innovation: A combination of the approved Hönle EPS-technology and the control unit MUC as a **19"-rack for inkjet applications**. It guarantees a still user-friendlier handling and a very simple control of all operating parameters.

Visit the Hönle Group at the Labelexpo, hall 7, stand 7L75.

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About the Hönle Group: In addition to the original head office, UV systems specialist Dr. Hönle AG, the Hönle Group also comprises of the UV dryer specialists PrintConcept (rotary printing) and Eltosch (sheet-fed 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 China, France, Spain, United Kingdom and the USA as well as a sales office in Italy. The Hönle Group also has an extensive worldwide network of experienced sales and service partners.