

**Inkjet**

## **Inkjet UV Dryers**

**UV- and UV LED- high-performance dryers for inkjet printing**

**UV dryer series UVAPRINT**

**PureUV dryer**

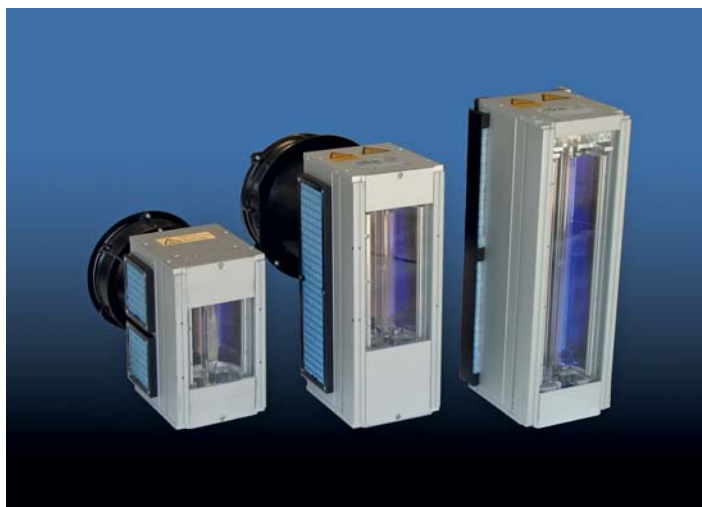
**Micro universal controller**

**Electronic power supplies**

**UV LED + Controller**

**UV in combination with UV LED**

## Hönle UV Inkjet Units



### UV Dryer Series UVAPRINT

The new **UVAPRINT** product series has been specially developed for **wideformat inkjet printers**. The high performance of the UV dryers makes it possible to achieve **outstanding print quality**, even at high printing speeds.

As with other printing processes, for **inkjet printing** as well Hönle offers customer-specific UV technology to meet the most demanding requirements. **Cold light reflectors** are among the products on offer, as are **lamp spectrums that are adapted to the printing ink**. The equipment comes in a **length suited to the printing process**, and can also be equipped with an **electronic power supply** and a shutter system.



### jetCURE

The new **jetCURE series** has been especially developed for **wide-format inkjet printing** applications. These high-performance UV dryers (up to 240 W/cm) permit excellent curing and enhanced printing quality – even at high printing speeds.

Just as for other printing processes, Hönle offers high end **customized** UV technology for inkjet printing. **jetCURE units** are equipped with **dichroic reflectors for temperature-sensitive materials** and are available with lamp spectra to suit the specific ink.



### Micro Universal Controller

The Hönle **MUC** (Micro Universal Controller) **is an all purpose lamp control unit for systems incorporating one or two lamp heads**. The Hönle MUC adopts the whole signal processing, interpretation and status procedure. The connection to the PLC or the superior controller is „plug and play“, reducing the amount of cabling required.

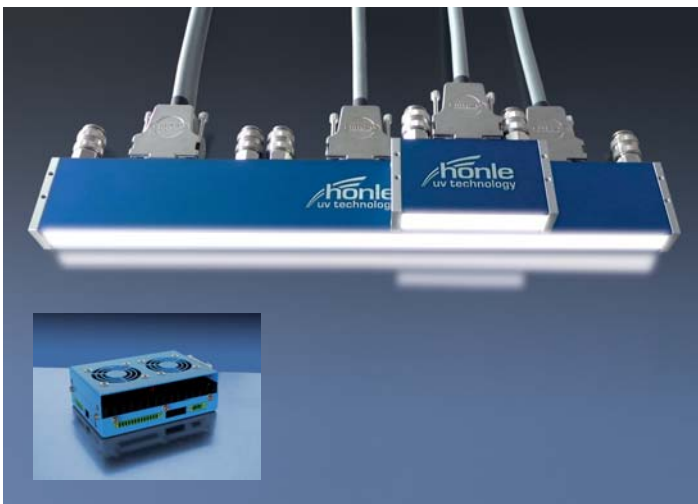
A universal customization of the interface is possible.



## Electronic Power Supplies

Fully electronic controllable AC power supplies for UV discharge lamps up to 34 kW.

- High efficiency, approx. 10% higher UV output at the same electrical power input compared to a standard power supply
- Easy maintenance and less wiring
- Detailed error monitoring
- Improved reignition
- Integrated cooling

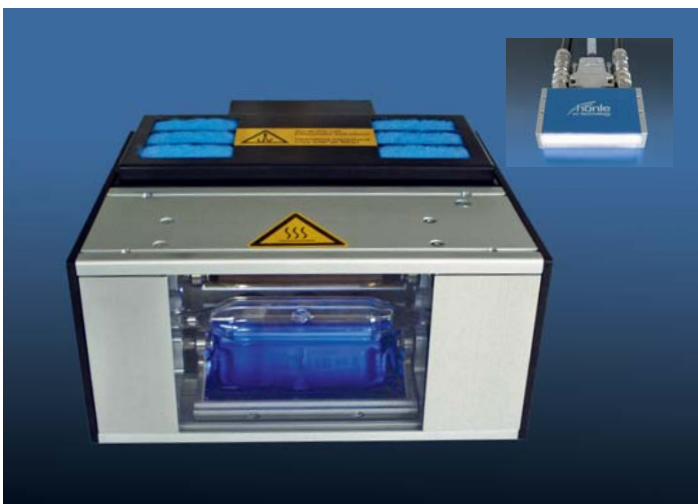


## UV LED + Controller

The **LED Powerline** is a high-performance array for intermediate curing (pinning) and final curing for printing applications.

The **LED Powerline** is available in wavelengths of **365/375/385/395/405 nm**. This variety allows to adjust the wavelength to the application in question.

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 top hat rail mounting.



## UV in combination with UV LED

Conventional UV drying and drying with UV LEDs can be used in combination.

Utilizing the compact “LED Powerline” UV inks can be pinned directly after the printhead module. Besides avoiding uncontrolled ink spreading also overprinting with additional process colors is enabled.

At the end of the printing process the full cure is reached by conventional UV lamps.

## Applications



For more details about the different units, please see the respective prospects at [www.uv-technik.co.uk](http://www.uv-technik.co.uk)