

Press Release

Head of Hönle Group

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For fast and reliable bonding and potting

Hönle enables LED-UV curing for a wide variety of substrates and geometries

The LED Spot 200 HP IC is the latest development from UV specialist Dr. Hönle AG. The LED-UV curing device is the missing link between narrow line and square area emitters.

Gilching, May 22nd, 2023 - The LED Spot 200 HP IC is an addition to the proven LED Spot product family. The LED-UV curing device has a light emission window of 200 x 50 mm and is therefore optimally tailored to applications that require homogeneous irradiation of rectangular areas, whether in stationary or pass-through use. Typical areas of application are, for example, fully automatic production lines or the assembly on conveyor belts. Thanks to the possibility to arrange several devices modularly, the irradiation area can be expanded as required and flexibly tailored to a wide variety of geometries. The LED Spot 200 HP IC can be integrated very easily and inexpensively into bonding and potting processes.

Like all LED Spot products, the LED Spot 200 HP IC is available in wavelengths of 365, 385, 395, 405 and 460 nm and achieves high intensities of up to 5,000 mW/cm² for a very fast and reliable curing. Thanks to a LED failure detection and extensive monitoring functions, it ensures maximum process reliability.

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All LED Spot curing devices are supplied and controlled either directly by an external power supply and the customer's PLC or by the optionally available LED powerdrive IC, which was developed with the highest priority on intuitive operation and customer friendliness.

The main areas of application for the LED Spot products are the bonding, fixing, and potting of components in the electronics, optics and medical technology industries. However, LED spots are also used for fluorescence stimulation or for high-intensity radiation in the biochemical field.

About Hönle: The Dr. Hönle AG is a leading provider of industrial UV technology based in Gilching. With more than 600 employees, the Hönle Group develops innovative solutions for different areas of application.

One focus of the business activity is the development and sale of industrial adhesives and casting compounds. Devices for drying paint and varnish, curing adhesives and plastics, as well as for sterilizing air, water and surfaces and simulating sunlight are also manufactured. In addition, the group of companies produces UV lamps and products made of quartz glass, among other things for sterilization and drying processes.

The Hönle Group supplies technology and world market leaders worldwide and is represented in over 20 countries with its own companies and partner companies.

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