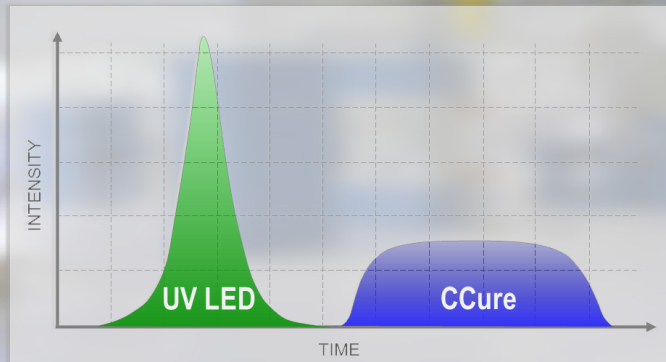


LabCure C LED

Conveyor belt curing system with UV LED and CCure



The combination of two innovative UV sources is the special feature of this conveyor belt dryer. The powerful UV LED dryer with its longer wavelength ensures good deep curing and adhesion of the ink to the substrate. The short-wave UVC radiation of the CCure module causes a forced surface curing.

The use of these two combined curing systems ensures that the ink and substrate are only exposed to a low heat load, while the low energy consumption is environmentally friendly.

Since the intensities of both the UV LED and the CCure unit can be varied separately, it is possible to influence the overall curing individually. This combination dryer is ideal useful for curing and hardening special UV inks, UV varnishes and UV adhesives of small printing sizes.

Advantages

- Combined curing of UV LED and pure UVC light
- Influence of UV-LED and UV-C can be changed separately
- Ozone free curing
- Compact design



Technical data

LabCure C LED	
UV-LED:	
Wavelength	395 nm (other wavelengths on request)
Peak irradiance	14 W/cm ² , dimmable (other max. irradiances on request)
Active optical area	150 x 25 mm
Power consumption	1058 W
CCure:	
Wavelength	254 nm
Typical Irradiance	approx. 65 mW/cm ² @ distance 20 mm
Conveyor belt width	250 mm
Power consumption	180 W
Conveyor belt:	
Conveyor belt speed	3 - 20 m/min., variable (other speeds on request)
Conveyor belt	Glass fibre conveyor belt, PTFE-coated, endless, black, antistatic
Conveyor belt width	250 mm
Pass through width	approx. 300 mm
Tunnel height	manual adjustable up to approx. 50 mm
Colour	RAL 5002, blue and RAL 7035, grey
Dimensions	approx. 1300 x 350 x 650 mm
Weight	53 kg
Note	Mains connection, electrical fuse protection provided by customer. When increased tunnel height is used, ensure that max. light emission limit is not exceeded!
Features: The combination of long-wave UV LED light and short-wave UVC light results in very good surface and depth curing results with low energy consumption and low heat load. Ozone-free and energy-saving design. Belt suction included.	
Accessories (on request):	<ul style="list-style-type: none"> • other conveyer belt speeds • other UV LED wavelengths • control for belt stoppage • digital conveyor belt speed indicator • inclined material deposit; adjustable in steps