



UV TECHNOLOGY CAMPUS TECHNOLOGY OUT OF PASSION



The centrepiece of the UV Technology Campus is a state-of-the-art research laboratory. The campus combines application, process and product evaluation in one place. In addition to internal test series, our laboratory is also available to customers and partners for individual trials. The properties of the coatings achieved by hardening can be characterised in the in-house analytical laboratory.

Cooperation with customers and partners from the chemical industry is also an elementary component of the UV Technology Campus. The task is to develop individual customer solutions and integrate them into the production process. We develop entire process sequences together with and for customers before the start of production. With the help of our simulation tools, the processes can be successfully scaled up to customer-specific production conditions.

Our campus has excimers that are used in the field of matting, for example. LED systems, also short-wave, are used in the area of curing and pre-gelation, but can also be tested under inert conditions.

Different UV lamp systems can be used for curing tests. All common lamp types and different LED wavelengths with and without optics are available. We have suitable UV measuring equipment in-house.

Rental units

Several rental units with different working widths are available for trials at your site. The trials can be accompanied by our application technicians on request.

Raytracing

- Interesting for 3-D parts
- Simulation and calculation of UV radiation distribution
- Consideration of the receiver plane
- Radiation distribution in stationary and moving processes
- Prediction of peak and dose depending on the measurement location

Training topics

We support you in all matters relating to UV technology:

- Lacquer or paint chemistry
- Pre-treatment
- Inerting
- Matting
- LED UV
- Temperature influence
- UV measurement
- 2D / 3D parts
- Curing analysis
- Statistical Design of Experiments

WE HAVE THE CURE

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