

Reliable, sustainable and
energy-efficient

EASYTEC

Sustained UV-LED-Technology.

EASYTEC UV/NIR-LED compact system for laboratory applications

EASYTEC UV/NIR-LED mobile compact system will improve your production process and allow you to test your products and new applications such as UV/NIR-LED curing of new inks, coatings, or adhesives.

The innovative and resource-saving radiators for drying and curing UV and NIR coatings combine energy efficiency with modern technology. They also deliver high-quality results and accuracy, as well as significant cost reduction and many other benefits for users, both in production and in the laboratory.



EASYTEC
Sustained UV-LED-Technology.

E-Mail: curing@easytecgbh.de

Phone: +49 2471 9217-60

www.easytecgbh.de

Technology Hub:

Pascalstraße 6, D-52076 Aachen

Administration:

Schleebachstraße 38a, D-52159 Roetgen

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Components of our UV/NIR-LED Compact System

1. UV/NIR LED radiator (intensity of irradiation, wavelength and working width as required)
2. Power Supply
3. Belt conveyors with continuously adjustable speed, optionally with on/off mode (sensor controlled)
4. PLC control for maximum flexibility and Industry 4.0 version
5. Touch panel operation as 6" colour display (with recipe processing)
6. Compression recooling unit (for cooling medium)
7. Manual height adjustment and digital display: accuracy 1/10 mm (optional)
8. Inerting chamber: nitrogen, CO2, ... (optional)
9. Nitrogen Generator (optional)

NIR-LED		
Type	Irradiation intensity	Wavelengths
LPIR1	0-1 W/cm ²	740 – 1050 nm
LPIR4	0-4 W/cm ²	740 – 1050 nm
MPIR8	0-8 W/cm ²	740 – 1050 nm
HPIR12	0-12 W/cm ²	740 – 1050 nm
VPIR16	0-16 W/cm ²	740 – 1050 nm
SPIR24	0-24 W/cm ²	740 – 1050 nm

UVA-LED		
Type	Irradiation intensity	Wavelengths
LP1	0-1 W/cm ²	365 – 410 nm
MP4	0-4 W/cm ²	365 – 410 nm
HP8	0-8 W/cm ²	365 – 410 nm
VHP12	0-12 W/cm ²	365 – 410 nm
VHP16	0-16 W/cm ²	365 – 410 nm
SHP24	0-24 W/cm ²	385 - 410 nm
SHP32	0-32 W/cm ²	385 - 410 nm
UHP40	0-40 W/cm ²	410 nm
UVC-LED		
LP1	0-300 mW/cm ²	255-280 nm

Up to 50,000 hours service life

Up to 90% energy saving

Flexible and customised

High performance and quality

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