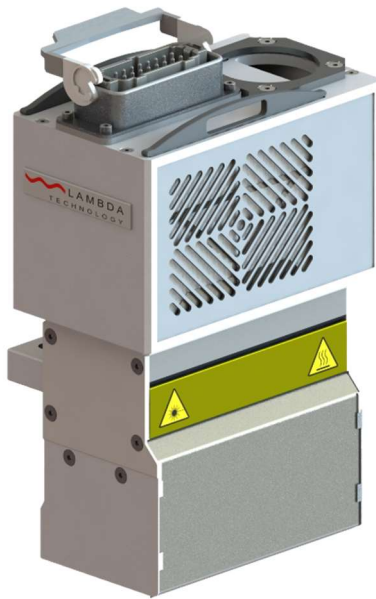


PowerHEAT 3 / 5 OT – The compact modules

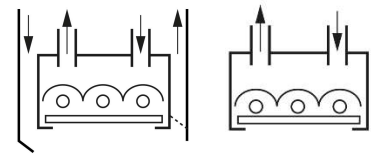
NIR Dry



PowerHEAT PH M 5-2
LD OTIG

Performance data:

- One to three NIR emitters
- Power reflector (special coating)



PowerHEAT modules 3 + 5:

are designed for drying pad printed products!

Short Description:

NIR module for high energy input on compact surfaces.

Suitable for all processes that require intensive irradiation on small areas. Ideal for drying pad printed products and small parts.

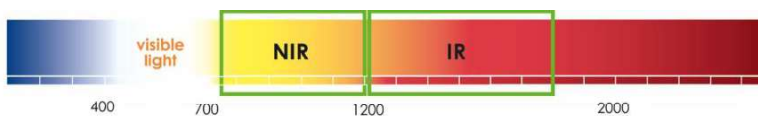
The **PowerHEAT 3 / 5** modules can also be integrated into stationary systems or conveyor belt systems.

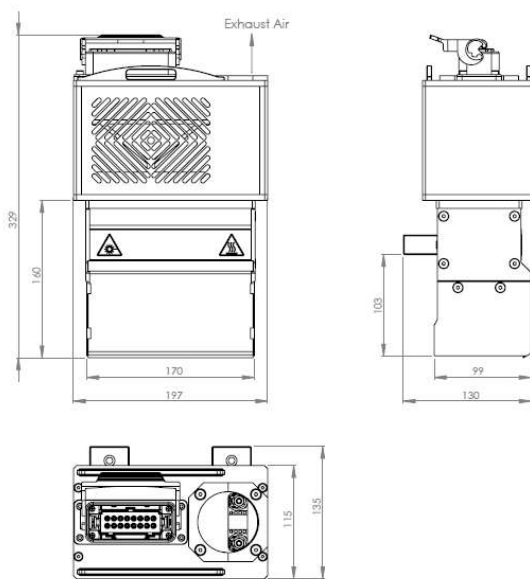
Product:

- Radiation efficiency due to optimized geometry of the reflector
- NIR emitters shielded by heat-resistant special glass pane
- Attached cooling fans
- **PowerHEAT 5** modules optionally also with external fan box
- Wavelength maximum at 900 nm (3000K color temperature)
- Easy to mount thanks to brackets
- Air management patented

Technology:

- Penetration into wet film and into the depth of the coating
- No skin formation
- Evaporation of solvents





Product advantages:

- Very compact design
- Long service life
- Economical and energy-efficient
- Process optimization through control

Options:

- Suitable controller available: Control can be equipped with digital thyristors, therefore different driving modes possible.
- Custom-fit irradiation possible by equipping with a customer-specific shutter.
- For various energy input requirements, the **PowerHEAT** modules can be equipped with NIR emitters of various strengths.
- Optionally with warm air nozzle

Model overview PowerHEAT 3 / 5

Type	Number NIR emitters	Fan	Air nozzle	Weight [g] ca.	Rated power [kW]	Irradiated area [mm]	Dimensions [mm]
PH M 5-1 OTEG 1,35/2,05 kW	1	external	no	6800	1,35/2,05	40 x 85	343 x 256 x X
PH M 5-1 OTIG 1,35/2,05 kW	1	integrated	no	4600	1,35/2,05	40 x 85	197 x 135 x 339
PH M 5-2 OTEG 1,35/2,05 kW	2	external	no	7450	2,70/4,10	80 x 85	343 x 256 x X
PH M 5-2 OTIG 1,35/2,05 kW	2	integrated	no	5260	2,70/4,10	80 x 85	197 x 135 x 339
PH M 5-3 OTEG 1,35/2,05 kW	3	external	no		4,05/6,15	120 x 85	
PH M 5-3 OTIG 1,35/2,05 kW	3	integrated	no		4,05/6,15	120 x 85	
PH M 3-1 OTIG 0,75/1,1 kW	1	integrated	no	4430	0,75/1,1	40 x 40	197 x 135 x 343
PH M 3-2 OTIG 0,75/1,1 kW	2	integrated	no	4760	1,5/2,2	80 x 40	197 x 135 x 343
PH M 3-3 OTIG 0,75/1,1 kW	3	integrated	no		2,25/3,3	120 x 40	

09-2024 The data provided are for product description purposes only. Due to the constant further development of our products, a statement about a specific quality or suitability for a specific purpose cannot be derived from our information. The information does not release the user from his own assessments and tests. It should be noted that our products are subject to a natural wear and aging process.