

DigiDRY 3 / 5 – for multipass printing

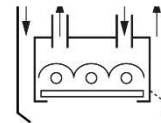
NIR Dry



DigiDRY 5-1

Performance data:

- 1.35 kW NIR emitters
- Power reflector (special coating)
- Intermittent operation
- Air nozzle



DigiDRY 5-1:

Is an NIR drying device for aqueous inks in multipass applications.

Abstract:

The DigiDRY 5-1 is a state-of-the-art drying and pinning device specifically designed for aqueous inks in multipass digital printing applications. It uses a patented combination of NIR technology and strong air nozzle to ensure efficient drying on the substrate.

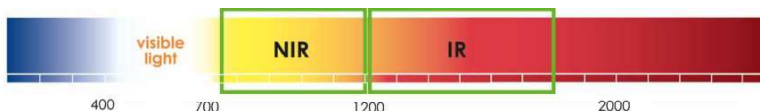
The ideal application is paired on both sides on print heads. An energy-efficient intermittent operation of both modules is possible via a lambda controller. Thanks to its 3D printing architecture, the DigiDRY 3 / 5 is a lightweight that hardly puts any strain on a printing system.

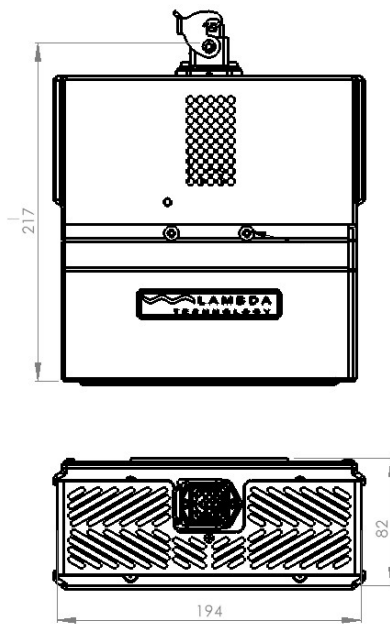
Product:

- Radiation efficiency due to optimized geometry of the reflector
- NIR emitters shielded by heat-resistant special glass plate
- Cooling fan integrated into system
- Wavelength maximum at 900nm (3000K color temperature)
- Easy to mount thanks to thread for bracket

Technology:

- Good penetration into wet film and into the depth of the coating
- For aqueous inks
- No skin formation
- Evaporation of solvents





Product Advantages:

- Very light and compact
- Long service life of NIR emitters
- Economical and energy-efficient
- Process optimization through control
- Air management patented

Options:

- In combination with a UC controller, energy-saving intermittent operation possible
- Exhaust extraction device possible

Model overview DigiDRY 3 / 5

Type	Weight [g] ca.	Rated voltage [V]	Rated power [kW]	Irradiated width [mm]	Dimensions [mm]
DigiDRY 3-1	983	230	0,75	85	139 x 84 x 191
DigiDRY 5-1	1584	230	1,35	139	199 x 84 x 220

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