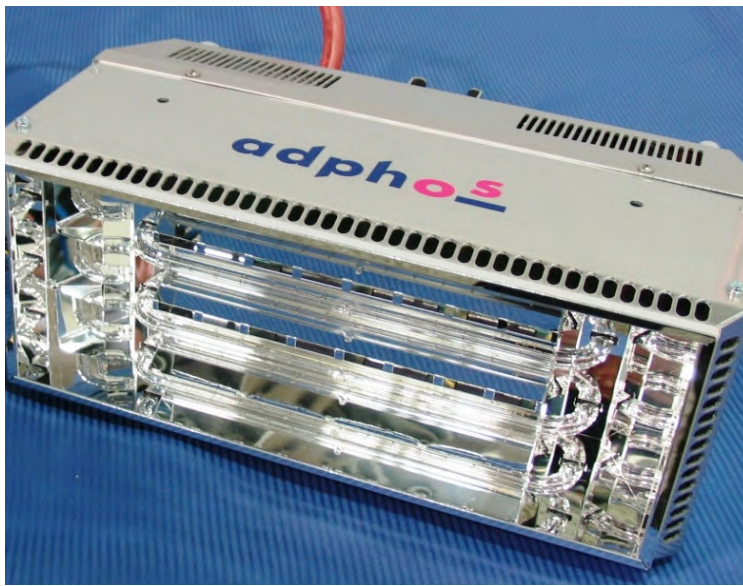


NIR42, NIR84, NIR126, NIR252, NIR336 Systems

A Superior Drying Technology for Water-Based Inkjet



NIR42, NIR84, NIR126, NIR252, NIR336 are cost effective, high performance drying systems for water based continuous and drop-on-demand (DOD) inkjet systems, which provide greater productivity and flexibility with reduced operating costs, compared to traditional infrared drying systems.

Productivity

With adphosNIR® inkjet drying systems, you are assured greater productivity and throughput on even the most demanding of water based inkjet applications including those on high gloss, overcoated and temperature sensitive substrates. adphosNIR® inkjet drying systems deliver the energy you need, where you need it by utilizing near-infrared technology which focuses the energy on the ink and not on the substrate resulting in less curl and easier to run and handle substrates. Additionally adphosNIR® drying systems minimize air flow which reduces downtime through improved paper handling. Greater productivity is also achieved with tool-less module positioning and lamp replacement.

Flexibility

To accommodate a variety of different printhead widths, adphosNIR® systems come in various standard drying sizes and can be mounted on sheetfed or web based transports for in-line, near-line, or off-line inkjet applications. With a small footprint and the ability to mount the drying modules in any position, adphosNIR® systems offer the utmost in configurable options to change and grow with your business.

Reduced Operating Costs

Depending on your requirements, adphosNIR® inkjet drying systems can reduce your electrical expenditures for inkjet drying by more than 70 % because NIRxx-systems utilize ultra efficient adphosNIR® energy and a patented reflector system with reflects > 98 % of the energy to where it is needed.



Specification for NIR drying systems

Drying width(s):	NIR42 – 42 mm (1.65")
	NIR84 – 84 mm (3.31")
	NIR126 – 126 mm (4.96")
	NIR252 – 252 mm (9.92")
	NIR336 – 336 mm (13.2")
Drying Length:	250 mm (10") bzw. 125 mm (5")
Module Size:	NIR42-250 370 mm x 75 mm
	NIR84-250 370 mm x 115 mm
	NIR126-250 370 mm x 150 mm
	NIR252-250 370 mm x 275 mm
	NIR336-250 370 mm x 360 mm
	NIR42-125 200 mm x 75 mm
	NIR84-125 200 mm x 115 mm
	NIR126-125 200 mm x 150 mm
	NIR252-125 200 mm x 275 mm
Number of Emitters:	NIR42 1
	NIR84 2
	NIR126 3
	NIR252 6
	NIR336 8
Voltage:	230 VAC oder 400V 3Ph
Emitter Power:	up to 2.5 kW per Emitter
Interlock Relay:	Dry contact
Internal Signals:	On/Off
	Manual Power Adjustment
	Speed Dependent Power
External Signals:	Emergency Stop
	On/Off
	Power Supply

Components:

NIR Dryer
Enclosure with Cable
Interlock Relays

Options:

Tacho-Kit
Mailerbase Mount
Light Shield

adphoS

UV

visible



0.8µm

1.5µm

1.2µm

2µm

ir

3µm

Components and Accessories

Components and order numbers

NIR42-250 System CE	- 400 VAC	557010
NIR42-250 System	- 230 VAC	557018
NIR42-125 System CE	- 400 VAC	557014
NIR42-125 System	- 230 VAC	557022
NIR84-250 System CE	- 400 VAC	557011
NIR84-250 System	- 230 VAC	557019
NIR84-125 System CE	- 400 VAC	557015
NIR84-125 System	- 230 VAC	557023
NIR126-250 System CE	- 400 V AC	557012
NIR126-250 System	- 230 VAC	557020
NIR126-125 System CE	- 400 VAC	557016
NIR126-125 System	- 230 VAC	557024
NIR252-250 System CE	- 400 VAC	557013
NIR252-125 System CE	- 400 VAC	on request
NIR336-250 System CE	- 400 VAC	557026



Accessories

Mount with about 500 mm cantilever		557151
Mount with about 800 mm cantilever		557157
Tachometer Kit	75 m/min	557153
	100 m/min	557155
	150 m/min	557156
Quartz glass for NIR126-250		557168
U-Emitter 400 VAC HB-25-250/400		710420
U-Emitter 230 VAC HB-26-250/230		725708
U-Emitter 400 VAC HB-12-125/400		726830
U-Emitter 230 VAC NB-10-125/230		714721
Hinged light shield for NIR42-125		557158
Hinged light shield for NIR42-250		557159
Hinged light shield for NIR84-125		557160
Hinged light shield for NIR84-250		557161
Hinged light shield for NIR126-125		557162
Hinged light shield for NIR126-250		557163
Hinged light shield for NIR252-250		557164
Hinged light shield for NIR336-250		557165



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