

NIR126-550

Ideal For Up To 21.5" Drying/Curing/Sintering Applications



The NIR126-550 is a compact drying/heating/sintering solution ideal for web or sheet applications for drying widths ≤ 21.5 " and is ideal for monochrome or process color inkjet applications ≤ 500 fpm with flexibility, affordability, lower acquisition and operating costs compared to other systems.

Flexibility for up to 21.5" Web or Sheet Applications

The NIR126-550 offers a host of different options to meet almost any requirement or application including the ability to operate several NIR126-550s in parallel when additional power and performance are required. Options include HMI (Human Machine Interface), Individual Emitter Zooming, Dryer Error Feedback and Exhaust Kit. The Exhaust kit removes water vapor from the area to prevent recondensation onto substrates.

For web applications, the NIR126-550 includes an air cooled integrated back reflector. The back reflector increases efficiency and performance by up to 25% as the adphoS[®] energy passes through substrates and is reflected back to the ink.

For sheet-fed applications and with an optional interface box and or Piece Detector System, the NIR126-550 can accept a 24V - 110V interlock signal and stop energy emission when no sheets are detected which ensures safe operation.

Lower Acquisition and Operating Cost

adphoS[®] technology is now offered at a lower investment cost. So you can now own a superior adphoS[®] dryer for less than other lower performing systems. With less power consumption and less "thermal strain" on transports and belts, NIR126-550 dryers provide a lower cost of operations than other systems.

Specifications for NIR126-550 Drying Systems:

Dryer module:	Length: 27.83" to 29.92" (707 to 760 mm)* Width: 11.81" (300 mm) Height: 14.72" to 17.87" (374 to 454 mm)* <i>*Dependent on Clearance for Airflow</i> Maximum web width: 25.35" (644mm) Drying width: 21.49" (546 mm) Drying length: 4.96" (126 mm)
Power:	15kW
Current:	380-480 V3AC, 3-Phase plus Ground, 50/60 Hz, 24 Amps
Production "ON"	
Input Signal:	Dry Contact or 24 VDC
Internal Power Setting:	Via Control Panel on Power Cabinet
Signal Input:	0-10 VDC via RCA or Hardwired to Terminal, 10 VDC =100% Lamp Power Output, or 24VDC Pulse Signal Hardwired to Terminal
Signal Output for master/slave operation:	0-10VDC (Custom settings available)
Dryer Module	
Mounting Angle:	From 0 to 90-degrees, Emitters must be Horizontal to the Ground
Scope of Supply:	NIR Module with Light Shields and Back Reflector with Power Cabinet

Accessories

External Operator Panel (HMI), Tachometer Kit (Low or High Speed), Mounting Bracket Kit, Mounting Bracket Spacer, Exhaust Kit

uv

visible



0.8 μ m

1.5 μ m

1.2 μ m

2 μ m

ir

3 μ m

NIR126-550

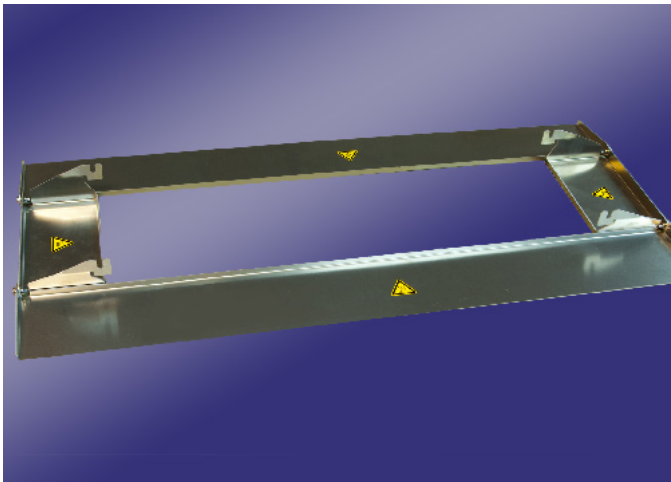
Components and Accessories



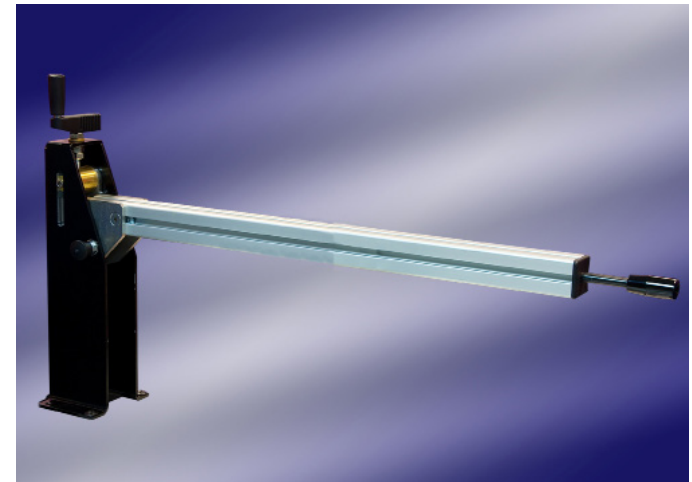
NIR126-550 Dryer Module



Interface Box



Hinged Light Shield



Mount



High Speed Tachometer Kit (500 fpm)
Low Speed Tachometer Kit (250fpm)



Piece Detector System

adphoS