

# Altaspray™-i Applicators

Flexible, High-Performance Solution

Enhances production flexibility, and reduces inventory and maintenance costs.

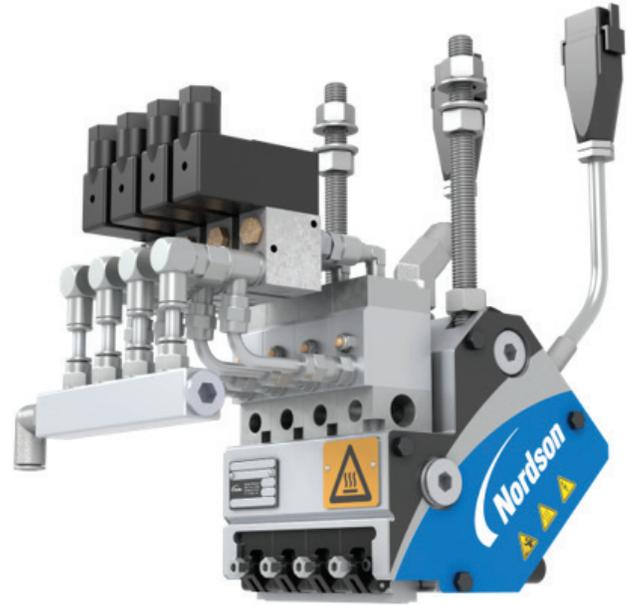
## Benefits

- Efficiently supports mid-speed intermittent spraying applications
- Fully compatible with Nordson Universal nozzles
- Minimizes initial investment and total cost of ownership

Altaspray-i applicators provide the flexibility and performance capabilities of a single-platform, hot melt adhesive dispensing design for mid-speed intermittent spray applications. The streamlined, economical configuration helps reduce initial investment and ongoing cost of ownership. A simplified system connectivity and fewer cabling requirements optimize its use with AltaBlue™ series adhesive melters.

Newly designed AS25i modules feature a retract-on-close needle operation and a “snuff-back” functionality to improve cutoff.

Altaspray-i applicators accept numerous dispensing technologies, including traditional CF® nozzles as well as Universal CF, Summit™ and Signature® nozzles for lamination; and Universal SureWrap® and Allegro™ nozzles for elastic attachment.



4-Module AltaSpray Applicator

The angled lower manifold surface reduces air turbulence to improve pattern stability and increase web-routing options. The integrated air heater uses a patented thin-film flow design that enhances heating efficiency to produce consistent spray patterns while reducing power consumption. Optional custom-fitted insulating jackets reduce heat loss, increase energy efficiency, and significantly reduce the chance of incidental contact with heated surfaces.

Uniform applicator heating and hydraulic distribution delivers superior output uniformity and product performance. Common parts minimize inventory and the ability to rebuild components increases service life and reduces total cost of ownership.



# AltaSpray-i Applicators



A25i "Snuff-back" Module



Single-Module AltaSpray-i Applicator

## Specifications

Module Compatibility:	AS25i
Module Response <sup>1</sup> :	14ms full cycle / 4200 cycles per minute
Maximum Pattern Width Supported:	600mm
Filtration:	Integrated threaded, with 0.15mm (0.006") mesh opening
Operating Temperature:	70° to 190° C (160° to 375° F)
Working Hydraulic Pressure:	13.8 to 55.2 bar (200 to 800 psi)
Maximum Hydraulic Pressure:	89.6 bar (1300 psi)
Maximum Hydraulic Flow:	110 grams per minute (per module) at 10,000 centipoise
Maximum Add-on Density:	21 gsm @ 200 m/min, 14 gsm @ 300 m/min, 12 gsm @ 350 m/min
Actuation Air Pressure <sup>2</sup> :	5-6 bar (75-90 psi) recommended
Maximum Process Air Flow:	1.2 scfm @ 190° C (375° F)

<sup>1</sup> Maximum number of cycles depends on operating and control air pressure, as well as adhesive viscosities.

<sup>2</sup> Oil-free air must be used.

For more information, speak with your Nordson representative or contact your Nordson regional office.

## United States

Duluth, Georgia  
(800) 683-2314 Phone  
(866) 667-3329 Fax

## Canada

Markham, Ontario  
(800) 463-3200 Phone  
(905) 475-8821 Fax

## Europe

Erkrath, Germany  
(49) 211-9205-0 Phone  
(49) 211-254658 Fax

## Japan

Tokyo, Japan  
(81) 3-5762-2700 Phone  
(81) 3-5762-2701 Fax

## Asia/Australia/ Latin America

Amherst, Ohio  
(440) 985-4797 Phone  
(440) 985-1096 Fax

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Issued 09/19  
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