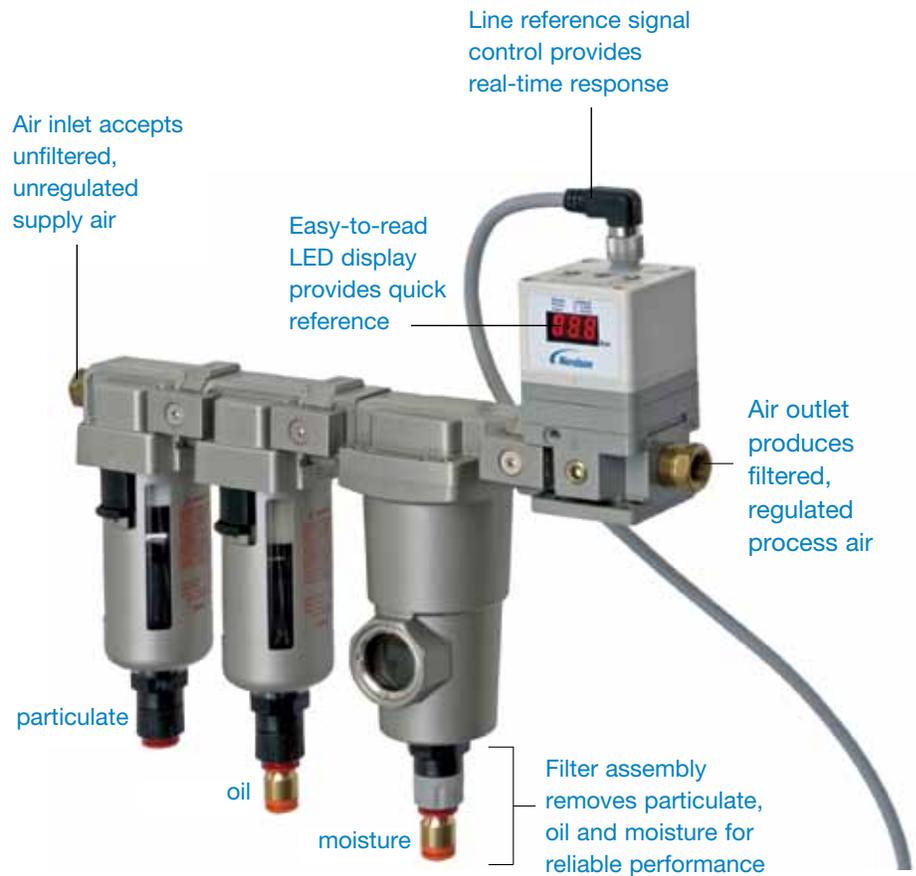


# Process Air Control Kit

Efficient control of process air enhances hot melt adhesive spray pattern consistency and nozzle performance.

## Process air control kit:

- Improves adhesive add-on control
- Regulates pressure fluctuations
- Enhances bond quality



Process air control kit (PACK) filters, controls and regulates air pressure proportional to production line speeds through the entire application range. Direct line speed signal control provides real-time response, improving control and pattern consistency of most non-contact hot melt adhesive spray applications.

The regulation of process air pressure fluctuations caused by line speed changes improves nozzle performance and provides critical control of adhesive add-on for higher bond quality. Comprehensive filtration of particulate, oil and moisture provides reliable operation and longer service life.

PACK design flexibility meets diverse production needs with two pressure range options (0 to 1.0 or 0 to 3.5 bar), and pressure controls for speed reference input signal using voltage or current. The unit's compact size allows quick installation.

# Process Air Control Kit

## Specifications

Minimum Supply Pressure	1 bar (15 psi) in excess of set pressure
Maximum Supply Pressure	2 bar (30 psi) for 1 bar units 10 bar (150 psi) for 3.5 bar units
Power Supply	24 VDC $\pm$ 10%
Input Signal	Current type 4 to 20 mA Voltage type 0 to 10 VDC
Input Impedance	Current type 250 $\Omega$ or less Voltage type @ 6.5 kW
Output Signal	Current type 4 to 20 mA (sink) Voltage type 1 to 5 VDC @ 1+kW
Linearity	$\pm$ 1% (full span)
Enclosure	IP65 equivalent
Line Reference Cable Lengths (purchased separately)	10, 20 and 30 m (32.8, 65.6, 98.4 ft)
Dimensions (W x H)	277 x 245 mm (10.9 x 9.6 in.)
Maximum Flow Rate	400 lpm (14.1 cfm) @ 2 bar (30 psi) for 1 bar units 1000 lpm (35.3 cfm) @ 4 bar (60 psi) for 3.5 bar units
Particulate Filter	5 micron filter
Oil Separator	0.03 micron coalescing filter
Water Separator	AMG-EL 150 (99.9% moisture removal)



Easy-to-use controls and detailed calibration instructions simplify setup.



Each kit includes fittings and mounting hardware. Cables in a choice of lengths are purchased separately to facilitate installation.



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

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