

# MiniBlue®

Hot Melt Dispensing Guns

Compact hot melt guns maximize mounting and pattern flexibility in confined spaces.

## MiniBlue guns:

- Require minimal space for installation and service
- Produce self-cleaning action and improved cutoff
- Are available in reduced cavity and ball and seat configurations
- Feature the EasyOn™ module design for faster installation



Air-open/air close module provides clean cutoff

Fixed reduced cavity or removable Saturn® nozzle delivers excellent bead deposition with a wide range of adhesives

Integrated filter captures contaminants, reducing nozzle clogs

Nordson MiniBlue guns are ideal for applications with close flap compression sections. Close multi-module centerlines as small as 16 mm (0.63 in) extend mounting and pattern flexibility in confined spaces. Single module MiniBlue guns offer a 18 mm (0.71 in) wide manifold.

Compact and configurable, Nordson MiniBlue guns are available with a choice of ball and seat or reduced cavity gun modules.

Two spring-loaded seals extend module operating life and reduce air section failure. These long-life hydraulic seals help improve durability and minimize maintenance and downtime.

MiniBlue modules feature air- open/ air-close (AO/AC) actuation, providing a strong closing force to minimize adhesive stringing, especially with aggressive and pressure sensitive adhesives.

In addition, EasyOn technology provides:

- Guided, one-way fit (mated module and gun body surfaces)
- Easier, safer installation (especially on gun bodies located deep within machines)
- Modules fit existing Nordson gun bodies (backward compatibility)
- Simpler design



## Specifications

Operating Temperature	230° C (450° F) maximum
Operating Air Pressure <sup>1</sup>	3.4 to 5.5 bar (50 to 80 psi)
Working Hydraulic Pressure	103 bar (1500 psi) maximum
Nozzles Standard	Saturn, single orifice (controlled engagements)
Nozzles Reduced Cavity <sup>2</sup>	0.20, 0.30, 0.41, 0.51 mm (.008, .012, .016, .020, in)
Solenoid Valves <sup>3</sup>	Nordson 24 VDC high-temperature solenoids factory installed
Electrical Service	240 VAC, 50/60 Hz; 200 VAC, 50/60 Hz opt

### Notes:

<sup>1</sup> Recommended range. Dry, regulated, unlubricated air required for consistent gun operation.

<sup>2</sup> Nozzles are integrated into the MiniBlue RC module

<sup>3</sup> Nordson specifies 24 VDC high-temperature valves for pattern accuracy and extended service life. Minimum recommended capacity is 0.8 Cv



*EasyOn design reduces installation and maintenance time*



*Dual-module gun with reduced cavity modules*



*18 mm (0.71 in) width fits in confined spaces*



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

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