

LA 822 Adhesive Dispensing Electric Gun



Compact electric gun provides rapid cycling of a wide range of cold adhesives for high-speed, non-contact applications.

Nordson LA 822 electric guns deliver rapid cycling for high-speed, non-contact production. The LA 822 guns apply cold adhesive extrusion beads and dots for paper converting and print finishing applications.

LA 822 guns offer cycle rates as high as 500 cycles per second. This capability equates to bead and dot placement at 2-millimeter distances for production speeds up to 60 meters per minute (200 ft/min). These versatile guns operate with high viscosity adhesives up to 1500 centipoise when used with a Nordson diaphragm pump or LA 360 high-performance piston pump.

A new ball-plunger and seat assembly provides sharp adhesive cutoff that minimizes tailing. Improved adhesive flow control also allows increased gun operating distance from the substrate for flexible gun mounting. This durable seating design stands up to demanding high-speed operation, providing dependable performance.

High-cycling electric guns help improve productivity.

■ **All-electric operation and wide viscosity range** satisfy diverse application requirements for high-speed extrusion bead or dot patterns.

■ **Optional tip sealer** keeps nozzle from skinning over with adhesive during dwell times.



■ **Sharp adhesive cutoff** minimizes adhesive tailing to improve bonding quality and reduce rejects.

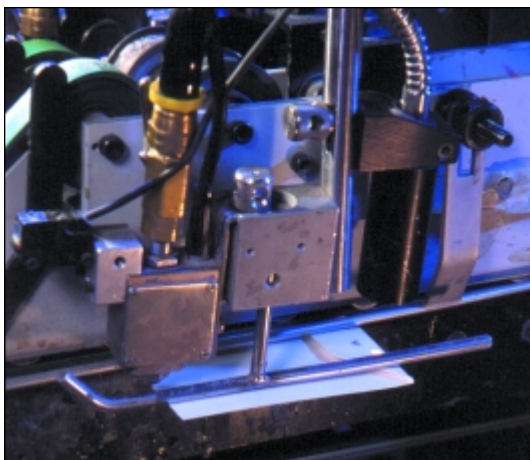
■ **Compact size** facilitates easy installation and servicing.

■ **Optional right-angle hydraulic porting** accommodates close mounting constraints.

■ **Durable ceramic ball and stainless steel seat** provide dependable performance, minimizing downtime and maintenance.

■ **Corrosion-resistant and stainless steel parts** provide durability and help prolong gun life.

■ **Custom-designed bracketry** adapts to each parent machine's unique mounting requirements.



Compact size easily accommodates limited mounting space on parent machinery.



Wide selection of brackets meets specific mounting and gun positioning needs.

Specifications

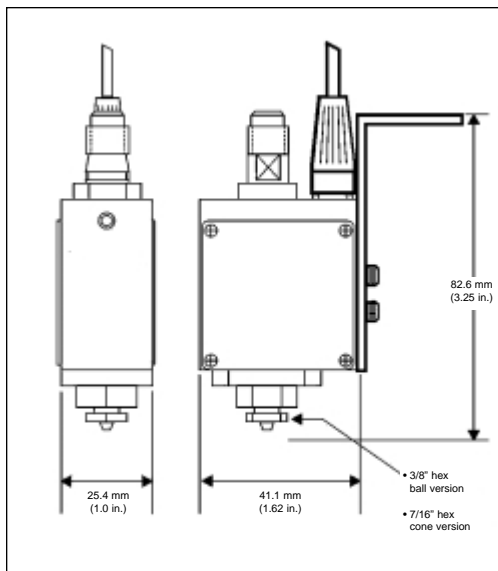
Maximum Hydraulic Pressure	31 bar (450 psi)
Minimum Cycle Time¹	2.0 ms
Minimum Dot Time¹	0.5 ms
Nozzle Diameter Range²	0.20 to 0.70 mm (0.008 to 0.028 in.)
Hose Connection Fitting	SAE 45° male, 7/16-20
Drivers³	LA 404, LA 4100, LA 4400, WM 408 gun driver boards

¹ Times based on adhesive viscosity of 575 centipoise. Actual cycle time will vary depending on adhesive viscosity and characteristics.

² Specify and purchase nozzles separately.

³ Guns must have grounding to be used with SD and WM 408 drivers.

Dimensions



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

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