

# LV 227 Adhesive Dispensing Pneumatic Gun



*High-performance cold adhesive gun provides precise cutoff and flow control for accurate bead deposition.*

The Nordson LV 227 pneumatic bead gun combines a zero-cavity needle and fast air-open, air-close actuation to resist adhesive build-up and help prevent premature adhesive curing. An integrated needle-stroke adjustment permits accurate control of adhesive volume.

The compact gun delivers high-performance, non-contact operation with a cycle time of 13.5 milliseconds and a minimum service life of 25 million cycles.

The LV 227 gun is ideal for high-viscosity cold adhesives and high-pressure applications, including traymaking, beverage packing, and case and carton sealing.

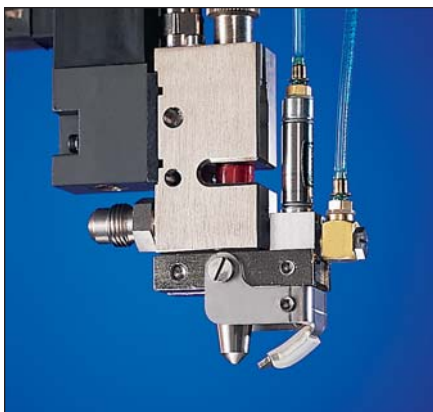
## **Innovative design improves control and pattern repeatability.**

- **Fast air-open, air-close gun actuation** delivers clean cutoff.
- **Zero-cavity needle** helps prevent premature curing on the nozzle tip.
- **Integrated needle-stroke adjustment** allows control of adhesive volume for balanced output.
- **Large control piston** handles a wide range of adhesive viscosities and hydraulic pressures.



- **Narrow body profile** fits easily on most parent machinery.
- **Wide selection of nozzle orifice diameters** meets specific bead pattern requirements.
- **Quick-disconnect air fitting and pre-mounted solenoid** provide superior performance and easy installation.
- **Nickel-plated brass on all wetted components and a stainless-steel needle** resist corrosion from aggressive cold adhesives and help prolong gun life.
- **Nozzle cover** prevents adhesive skinning over the nozzle during dwell times.
- **Advanced components and design techniques** provide compliance with worldwide approval codes.

## LV 227 Adhesive Dispensing Pneumatic Gun



Nozzle cover prevents adhesive skinning over the nozzle during dwell times.



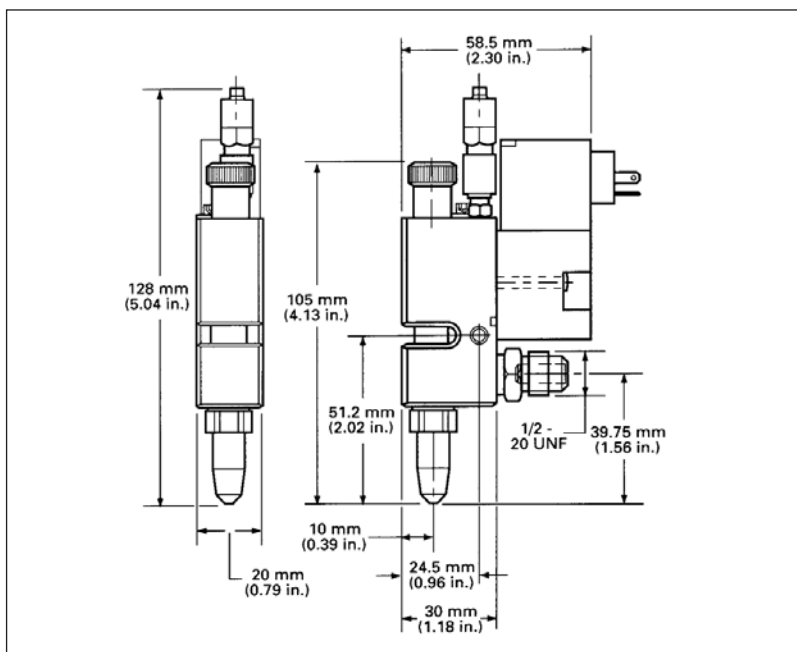
The compact LV 227 gun features a narrow body profile that fits easily on most parent machinery.



### Specifications

<b>Working Hydraulic Pressure</b>	48.7 bar (716 psi)
<b>Maximum Hydraulic Pressure</b>	102 bar (1499 psi)
<b>Operating Air Pressure</b>	6 bar (88 psi)
<b>Minimum Cycle Time*</b>	13.5 ms
<b>Nozzle Diameter Range</b>	0.3 to 1.5 mm (0.012 to 0.059 in.)
<b>Connection Fitting</b>	1/2-20 UNF
<b>Electrical Service</b>	230 VAC, 50/60 Hz, 24 VDC or 110 VAC solenoid
<b>Weight</b>	0.4 kg (0.88 lb)

\* Cycle time based on an adhesive viscosity of 900 centipoise. Actual cycle time will vary depending on adhesive viscosity and characteristics.



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

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