

# A7A Lancing Gun

**Automatic spray gun for versatile, high-production airless spray coating of tubes, pails and other containers.**



The Nordson Model A7A Lancing Gun is a high-speed, airless spray gun designed to spray solvent or waterborne coatings in a variety of containers. Constructed of stainless steel and other non-corrosive materials, these guns are designed to deliver maximum reliability – with the precision and accuracy needed for high-speed coating of food, beverage and aerosol containers.

For use in a reciprocating lance spray process, the Nordson A7A lancing gun uses specially designed Nordson nozzles to accurately and efficiently dispense liquid coating materials with little overspray. The gun valve incorporates a durable carbide ball-and-seat design to ensure fast, clean on/off operation, eliminating dripping to reduce rejects and material costs. Few moving parts ensure reliability and ease of operation. Compact, rugged construction provides easy installation and field maintenance. The circulating version of the A7A lancing gun features circulation of coating through the extension up to the nozzle. This enables more consistent temperature and viscosity of the coatings when using a heater or temperature control system.

The gun features an integral narrow diameter 293 mm (11.53 in.) long valved extension. With optional configuration, the gun may be used with the Nordson iTrax® SM Spray Monitor System to automatically monitor gun operation and detect plugged nozzles.

## Features and Benefits

- **Designed specifically for lance spray applications** requiring precision and accuracy
- **Fast cycling with positive cutoff** – provides consistent, repeatable operation with minimal dripping and spitting
- **Rugged, production-proven construction** – minimizes downtime and maintenance costs
- **A large selection of Nordson nozzles available**, designed for lance spray applications



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**A7A SM Lancing Gun to automatically monitor spray gun performance.**

## Technical Specifications

<b>Extension length</b>	293 mm (11.53 in)	
<b>Gun Body</b>		
Length	103 mm (4.07 in.)	103 mm (4.07 in.)
Width	38 mm (1.5 in.)	38 mm (1.5 in.)
Height	38 mm (1.5 in.)	38 mm (1.5 in.)
<b>Weight</b>	41.6 oz (2.6 lbs)	43.2 oz (2.7 lbs)
<b>Maximum Air Pressure</b>	8.27 bar (120 psi)	8.27 bar (120 psi)
<b>Minimum Air Pressure</b>	2.75 bar (40 psi)	2.75 bar (40 psi)
<b>Maximum Fluid Pressure</b>	117 bar (1700 psi)	117 bar (1700 psi)

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## Why choose Nordson

In highly competitive manufacturing markets, productivity is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or outstanding customer service. We'll always be there to help maintain the new standards you've set, with expert service and support delivered through our teams working across the globe.

This unique Nordson approach helps you reach new levels of production, while working more accurately, efficiently and competitively than ever. Precisely why manufacturers who demand quality, can rely on Nordson.

## Nordson Industrial Coating Systems

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