

Prism™ Air-Assisted Airless and HVLP Automatic Spray Guns

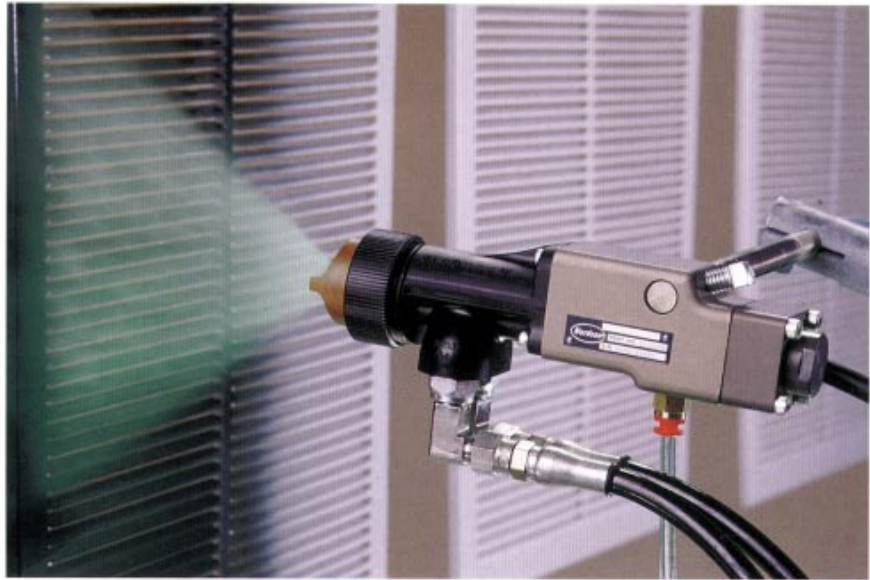


Superior pattern control and reliable performance with a full range of liquid coatings.

Nordson Prism AAA (air-assisted airless) and HVLP (high-volume, low-pressure) automatic spray guns are designed to deliver superior reliability and finish quality. Every major component of Prism spray guns, from the trigger operation to the impact-resistance of the gun bodies, has undergone rigorous testing for durability and performance under the most demanding operating environments. Prism spray guns are available for both circulating and non-circulating paint systems.

Rugged composite construction.

Prism spray guns are constructed of corrosion-resistant aluminum, stainless steel and durable engineered thermoplastic materials for long life and reliable operation. The endurance of the high-strength gun bodies has been tested with over 10 million trigger cycles at 1500 psi with 180-degree Fahrenheit coating material.



Prism air-assisted airless automatic spray gun.

A wide selection of spray nozzles.

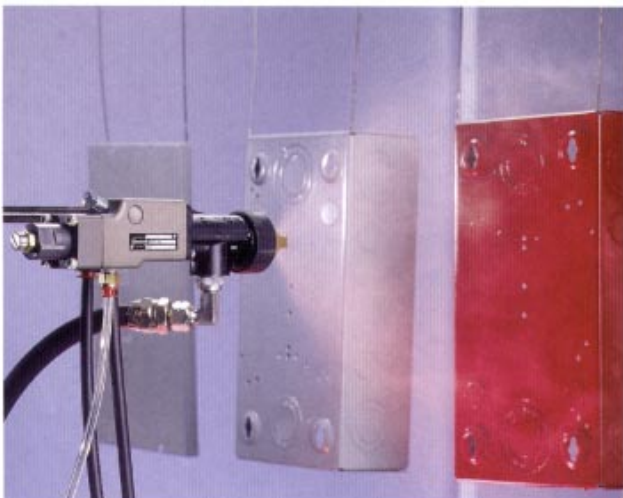
The Prism AAA spray gun is designed for use with Nordson's patented Cross-Cut™ and dome nozzles. Cross-Cut nozzles atomize materials at lower pressures than conventional nozzles for a softer, more controllable spray with minimal overspray and bounceback. This can reduce material waste and minimize runs and sags.

The Cross-Cut nozzle design is inherently less prone to plugging than conventional spray nozzles. In many cases, you can save paint by selecting a smaller orifice size without causing excess plugging.

The Prism HVLP spray gun is available with over 90 fluid tip and air cap combinations for a wide range of flow rates and pattern widths. The air cap is specially designed to produce higher air-flow than other HVLP spray guns on the market, for outstanding atomization with even demanding materials such as viscous waterbornes, high-solids paints and plural-component urethanes.

Ease of maintenance.

Several features of Prism automatic spray guns provide fast, easy operation and maintenance. Features include long-life, self-adjusting packing cartridges that require no maintenance. The guns do not contain springs in the flow path, which speeds cleaning, maintenance and color changes. Fluid tips can be changed without changing the ball tip of the Prism AAA gun and without changing the needle of the HVLP gun.



Prism HVLP automatic spray gun.

Prism® Air-Assisted Airless and HVL P Automatic Spray Guns

Features and benefits.

- **Constructed of corrosion-resistant aluminum, stainless steel and durable engineered thermoplastic materials** for excellent impact resistance.
- **Replaceable, self-adjusting packing cartridge** for ease of maintenance.
- **Designed for use with a wide range of liquid coatings** for maximum operating flexibility.
- **Change the fluid tip without changing the ball tip (AAA) or needle (HVL P)** for fast, easy maintenance.
- **Swivel elbow fittings** are included as a standard feature.

Call Nordson.

Prism AAA and HVL P automatic spray guns are only part of Nordson's complete line of equipment for all your liquid finishing requirements. For more information and the name of your nearest Nordson distributor, call (800) 955-9563. Or visit us on the Internet at www.nordson.com.

Specifications

	Prism AAA Automatic Spray Gun	Prism HVL P Automatic Spray Gun
Length:	8.08 in. (20.5 cm)	9.23 in. (23.4 cm)
Height:	3.75 in. (9.5 cm)	3.75 in. (9.5 cm)
Width:	2.91 in. (7.4 cm)	2.91 in. (7.4 cm)
Weight:	23.6 oz. (670 g) non-circulating*	25.7 oz. (729 g) non-circulating*
	25.7 oz. (729 g) circulating*	28.1 oz. (798 g) circulating*
Maximum input air pressure:	100 psi (6.9 bar)	100 psi (6.9 bar)
Maximum input fluid pressure:	1500 psi (103 bar)	100 psi (6.9 bar)
Fluid Tip Orifices:		(in.) .02, .025, .03, .035, .04, .05, .06, .07, .08, .10 (mm) .5, .64, .76, .89, 1.02, 1.27, 1.52, 1.78, 2.03, 2.54

* Gun weight with fluid tip, nozzle and air cap.



Nordson reserves the right to make design changes to products and components to improve their function. These changes may occur between printings.

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

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