

Smart-Gun®

Three dispense points on single applicator, allowing smarter dispensing



The Smart-Gun® has three individually selected dispense tips to dispense any combination of spray, stream or ribbon apply material.

The Smart-Gun provides three individually controlled valves to manipulate specific nozzle tips. This precise control allows for three different nozzle patterns or orientations to be utilized by the same robot with limited robot manipulation.

Nozzle blocks are application specific, ensuring the orientation of each nozzle is optimized for the vehicles access and the application need. Designed for PVC seam sealing applications in interior seam seal, (ISS) and underbody seam sealer (UBS) applications.

Features and benefits

- Slim design allows for great reach into part without extensive cautionary robot programming.
- No external valves or square corners.
- Material inlet on Smart-Gun is in rear, ensuring material hoses do not interfere with part.
- Capable of dispensing two separate one-part materials, limiting valve changes or needs.



Rotating Smart-Gun



Stationary Smart-Gun

Rotary vs stationary

- **Stationary units** commonly used in UBS applications and keep moving parts to a minimum.
- **Rotating units** include a material swivel and stationary hose inlet, allowing the SG to be rotated without wrapping material or air hoses around the robot or tool.

Typical applications

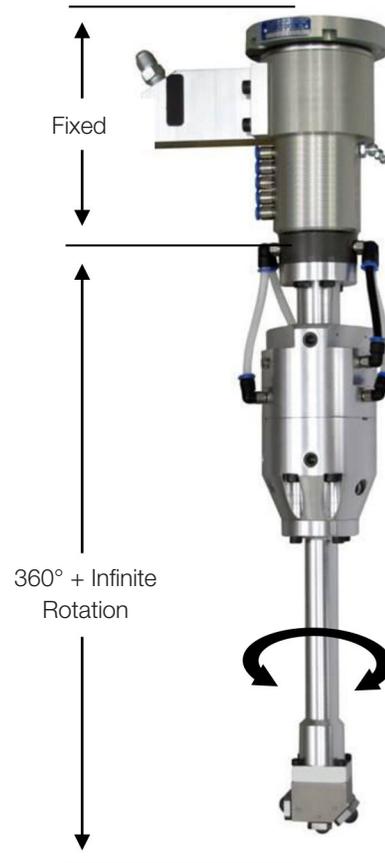
- One-part sprayable materials
- Heat-cure PVC sealer
- Vehicle seam sealing
- Underbody sealing
- Roof ditch seam sealing



Three Carbide Tips

Rotary Smart-Gun product specifications

Rotation	Infinite rotation capability (rotating models only)
Mounting	Fastens directly to robot wrist plate (J6)
Dimensions	21.9" (555 mm) long x 4" (100 mm) dia.
Tip Orientation	Model dependent
Fluid Valves	(3) internal No-Drip valves with spring assist
Air Ports (Rotary)	(3) "valve open" tube fittings – (1) per nozzle (1) "close all valves" tube fitting
Air Ports (Stationary)	(1) per valve open, (1) per valve close
Lubrication	(1) grease fitting and (1) outlet tube fitting
Max. inlet pressure	1,900 Psi (131 bar) fluid pressure
Min. air pressure	80 Psi (5.5 Bar) air pressure
Accessories	Single- or dual- material inlet manifolds, carbide dispense tips



Available carbide dispense tips: (order separately)



Slot Ribbon
Medium- and Deep-
Cut Options

Medium-Fan
Airless Spray

Heavy-Fan
Airless Spray

Narrow-Fan
Airless Spray

Round-Stream

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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.

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