

Dual IPS Meter

Dual single-acting, continuous-flow, positive-displacement metering system



The Integrated Pneumatic System (IPS) is designed to apply high-viscosity, single-component sealants and adhesives in high-volume applications

- The IPS was designed to quickly move materials with viscosities greater than 500,000 CPS ranging up to 2 million.
- Continuous flow provided by alternating metering cylinders and valve timing on material manifold. This combination provides wink and surge-free continuous material dispense.
- Large 2 1/8" or 3" rods push through material slowly for greatest control of material pressure and output.
- Designed with large openings, flow paths and robust seat technology to resist changing factors of abrasive materials.

Features and benefits

- Maintains continuous material outlet pressure for repeatable and consistent bead patterns
- Abrasion-resistant wetted components
- Ideal for multi-stream orifice and spray applications requiring uniform pressure
- Double-acting positive-rod-displacement dispensing system
- Designed to be integrated into a robot work cell
- Directly interfaced with robot controller
- Dual pneumatic cylinders
- Several sizes available up to 4 gpm



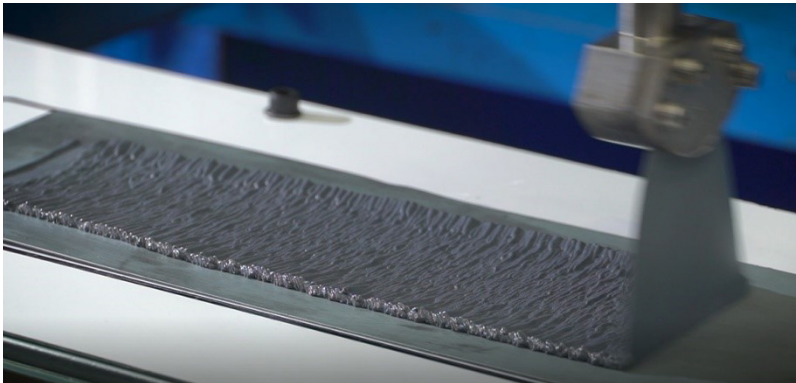
IPS-Dual Metering Unit for continuous-flow of high-viscosity materials

Typical applications

- Liquid-Applied Sound Deadener (LASD)
- Anti-chip application or spray

IPS-Dual 2200-1080-013 Series specifications

Meter volume per stroke	98.9 Cubic Inches (1,620 cc) per side, continuous flow
Max. Working pressure	3,500 PSI (241 bar)
Relief pressure	4,000 PSI (275 bar)
Weight	2,700 lbs. (1,225 kg)
Maximum flow rate	4 GPM or 251 cc/sec
Minimum supply requirements	600 PSI (41 bar)
Maximum supply pressure	3,500 psi (241 bar)
Inlet and outlet connections	1" NPTF (inlet & outlet ports at both top & bottom of manifold)
Compressed air requirements	150 SCFM @ 4 GPM material flow rate
Compressed air connections	1" NPTF



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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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