

003 Series Volume Metering Valves

One-component positive displacement shot meter valves



Positive displacement, piston actuated metering valve

Valve data	
Dry weight*	3 lbs. (1.36 kg)
Maximum inlet fluid pressure	600 PSI (41 bar)
Minimum inlet air pressure	60 PSI (4.2 bar)
Operation	Double air operated; air to open, air to close
Material delivery	Pressure tank, pressure pump
Viscosity range	Liquid to light paste

* Standard aluminum body

Application solutions

- Aircraft and aerospace
- Electronics and electrical
- Appliance
- Filters
- Battery
- Lighting and LED
- Construction
- Solar and wind power

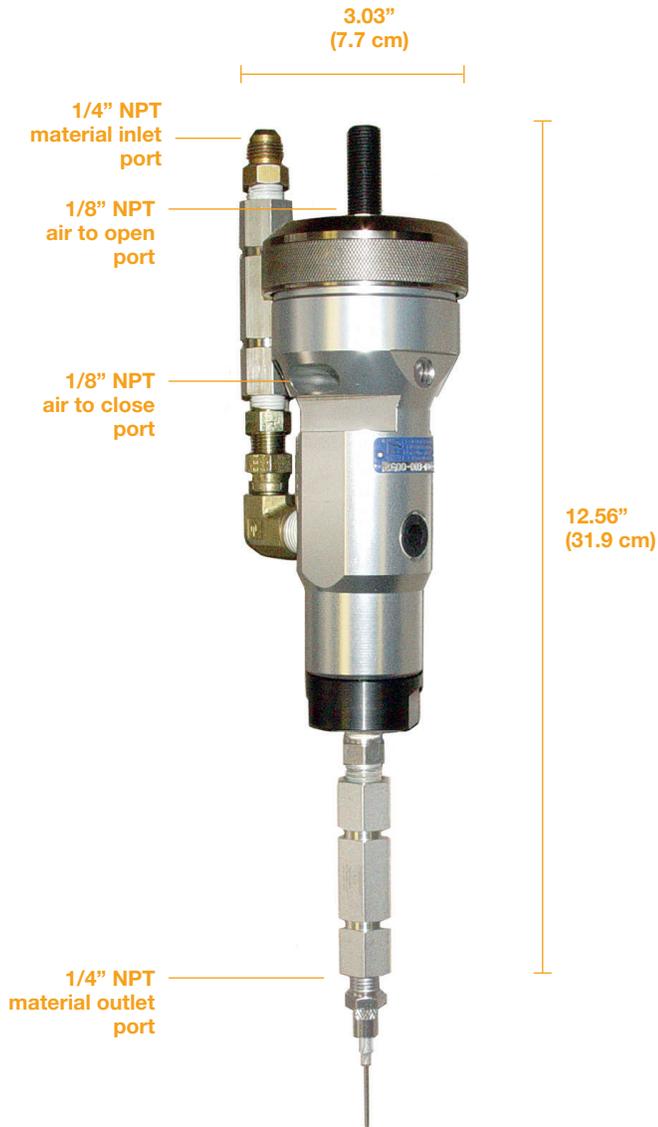


Benefits

- **Longer lifespan**
 - Hardened metering rod does not contact the cylinder wall, which reduces wear and the need for preventative maintenance when dispensing abrasive and filled materials
- **Quality dispensing**
 - Positive rod displacement metering combined with servo drive technology dispenses material with extreme accuracy
- **Exact consistency**
 - Check valves eliminate material bypass and ensure dispensing precision and consistency

Features

- Dispense shot size 0.2 cc's to 2.0 cc's
- Low cost repair and easy maintenance
- Unique design allows for easy maintenance
- Available in all stainless steel construction
- Multiple seal configurations are available



Frequently used models**	
7425545	Aluminum body with stainless steel check valve
7425649	50-150 PSI outlet
7425423	350-600 PSI outlet
7425375	Includes swivel
7425868	Stainless steel needle and seal retainer
7425421	Stainless steel body

* Consult your Nordson representative with application specifics for accurate valve capabilities.
 + Many additional models and options are available.

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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 local 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.

Performance by design

Nordson SEALANT EQUIPMENT

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