

AccuDrop™ Gun

Droplet dispensing of adhesive and mastic materials on automobile panels.



The Nordson AccuDrop™ gun for droplet dispensing is an air-actuated, material-driven valve designed to provide fast, accurate application of adhesive and mastic materials to automobile panels. The AccuDrop gun automatically applies adhesive droplets of up to 8 cubic centimeters on hoods, doors and deck lids for anti-flutter bracket attachment. The modular design of the AccuDrop allows easy maintenance and provides flexibility for changing assembly line configurations.

Features and benefits

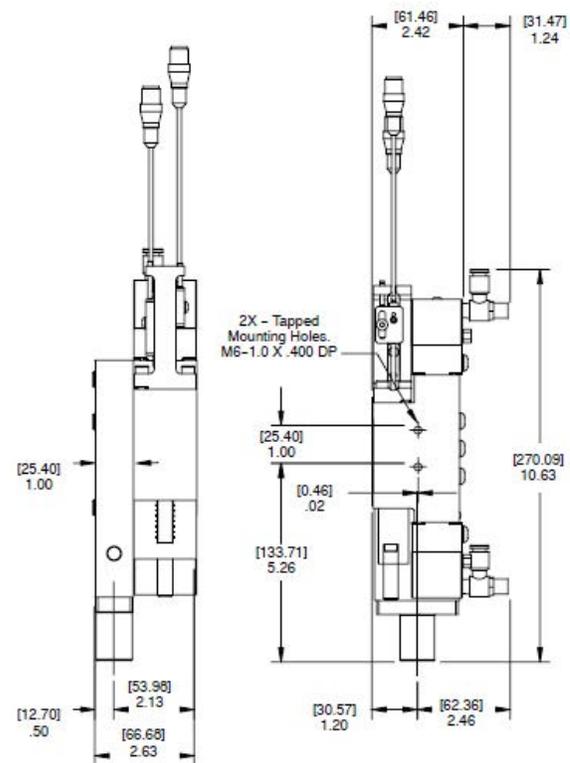
- **Dual acting valve** allows the unit to dispense as it refills, reducing cycle times.
- **Modular design** provides easy maintenance.
- **Shot sizes are easily adjusted** within the operating range of 0 to 8 ccs.
- **Magnetic proximity switches** sense fully-dispensed and fully-loaded conditions.
- **Material is isolated from air supply**, reducing maintenance and downtime.
- **Multiple nozzle types and styles are available** to meet specific application requirements.
- **Optional temperature conditioning** maintains uniform material temperature throughout the distribution system.



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Technical Specifications

Minimum Mounting Space	2.7 in. (6.85 cm) center to center
Shot Size	0-8 ccs
Maximum Cycle Time	4 sec (dependant on viscosity, pressure and shot size)
Compressed Air Requirements	60-90 psi (4.1-6.2 bar)
Electrical Requirements	Supply Voltage : 10-30 Vdc Operational Current : ≤200 mA
Operating Temperature Range	35°-180° F (1.67°-82° C)
Fluid Orifice	1/4 NPT (inlet and outlet)
Minimum Material Viscosity	50,000 centipoise
Operating Pressure Range (proportional to fluid viscosity)	750-3500 psi (52-241 bar)
Maximum Operating Air Pressure	120 psi (8.3 bar)
Weight	5.7 lbs (.45 kg)



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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

100 Nordson Drive
Amherst, OH, 44001
USA

Phone: +1.440.985.4000
www.nordson.com/ics

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