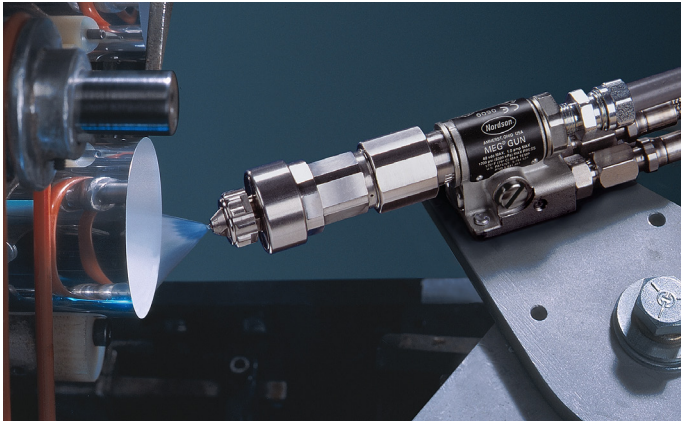


MEG[®] II Spray Gun

Electric spray gun for container coatings with ultra high-speed response and high accuracy.



The Nordson MEG[®] II spray gun provides the fast, accurate application of solventborne and waterborne can lacquers for two- and three-piece containers. The MEG II gun is also ideal for exterior bottom-spray applications.

Fast Response Time, Reliable Operation

Consistent, repeatable and fast open and close times provide more full-open time for each spray cycle. This allows for faster operating speeds when desired, as well as lower operating pressures for less bounceback of applied coating. The gun's repeatability provides more consistent spray weights, reduced material waste and cleaner operation.

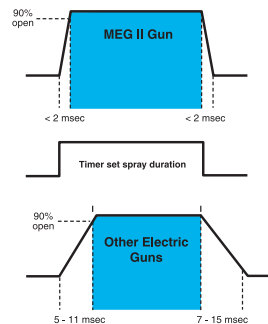
The MEG II compact spray gun has no internal metal-to-metal friction points, contributing to a faster response time and reducing wear and heat generation in the gun. The coil and armature assembly is specially designed to create less heat than other electric guns for reliable operation and longer wear of the parts. The overall cooler operation of the gun reduces film build-up inside the gun and minimizes valve sticking.

Ease of Maintenance and Repair

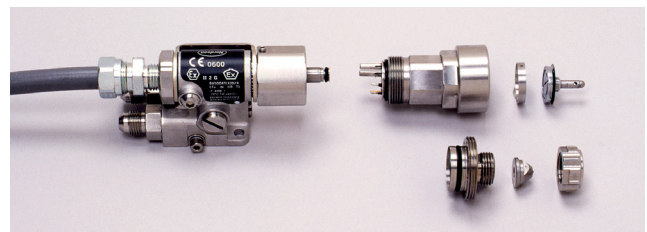
The ball-and-seat assembly is designed to minimize wear, which greatly extends the product life of the gun. When repairs are needed, the gun module can be replaced on-line for minimal downtime. The gun body has been designed with "flats" to grab with a wrench for easier maintenance, and the seat holder has an indexing ability so the seat can be rotated to promote uniform wear on the contact points of the coil face. Altogether the gun contains few moving parts to simplify rebuilding and minimize replacement-part inventories.

Features and Benefits

- Fast response provides more open time for each spray cycle, which allows:
 - Faster operating speeds when desired
 - Lower operating pressures, generating less bounceback of applied coating
- Repeatability provides more consistent spray weights, reduced material waste and cleaner operation
- Cool operation contributes to the fast response time and minimizes film build-up inside the gun, reducing maintenance
- No internal metal-to-metal friction provides less wear, longer service life and cooler operation
- Online gun-module replacement speeds maintenance.
- Nozzle pattern adjustments can be made while the gun is spraying for fast, accurate adjustment



With traditional beer and beverage waterborne lacquers, the MEG II gun coupled with a Nordson driver opens in less than 2 milliseconds (2.5 times faster than standard guns) and closes in less than 2 milliseconds (4 times faster than the industry average).



MEG[®] II Spray Gun

The semi-captured nozzle o-ring provides a reliable seal. The gun spray-end design holds the seat assembly from twisting when installing or removing a nozzle. This speeds installation and guards against damage to the gun caused by over-tightening of the nozzle nut.

Integration into Nordson's Best Practice System

The MEG II gun provides easy addition of the Nordson CleanSpray[®] Automated Nozzle-Cleaning System. Automated nozzle cleaning reduces manual nozzle cleaning to as little as once per shift, which reduces labor, increases productivity and improves coating quality.

The MEG II gun is also compatible with the Nordson iTrax[®] System. Installed with the gun or added later, this system monitors the flow of coating material through the nozzle and controls important operating parameters. This offers enhanced product performance and quality of the can coating operation to minimize rejects and optimize production quality.

Spray Gun Drivers

Operation of the MEG II gun is controlled by either the NC-1 Driver or the iTrax Spray Controller, both of which provide a current-controlled signal to the gun. To speed gun response time, the drivers deliver a higher turn-on current pulse for three milliseconds, followed by a lower holding current for the duration of the period. This minimizes the amount of energy stored in the gun and results in a fast turn-off time. Both drivers provide a precise and consistent gun drive signal and require no adjustments.

The drivers operate at speeds above 3,000 cycles per minute and are available in single and dual channel modes.

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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.

Performance by design

Specifications

Coating Type	Waterbased or solvent-based can lacquers
pH	6.5 to 8.5
Viscosity	15 to 40 sec. with Zahn 2 cup at 70°F (21°C)
Fluid Temperature	175°F (79°C) maximum
Fluid Pressure	1200 psi (8300 kPa) maximum
Nozzle Flow Rate	Up to 0.20 GPM
Electrical Requirements	48 VDC, 3 amps for 3m/second and 1 amp holding

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