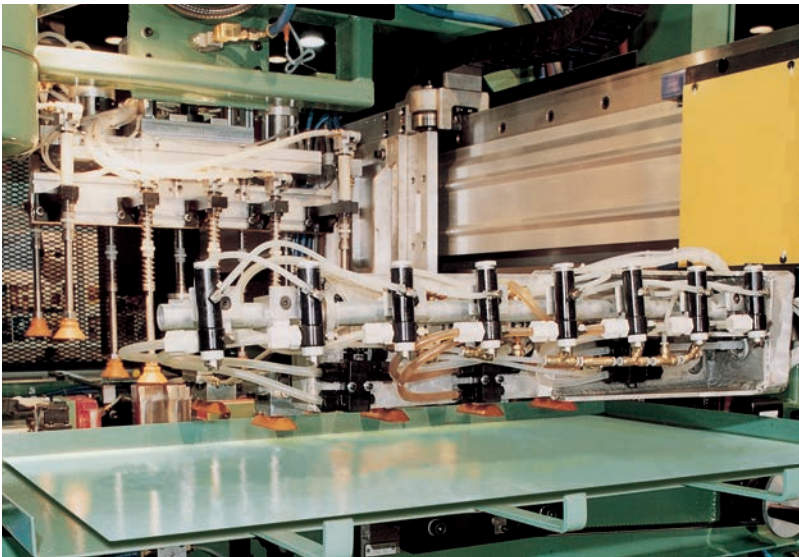


MicroCoat Lubrication System

MC781 Pulsed Lubrication System



Apply a fine, uniform coating of lubricants, corrosion inhibitors, and release agents from any angle.

The MicroCoat® 781S Series system applies a fine, even coating of lubricants, corrosion inhibitors, and release agents used in the metal forming and die casting industries.

This unique modular system uses Low Volume Low Pressure (LVLP) technology to provide controlled, consistent lubrication in either pulsed or steady modes.

Features and Benefits

- Controlled, uniform coverage – from any angle
- Pulsed or steady lubrication
- Oil savings of up to 90%
- Precise, reliable, low-maintenance lubrication
- Expandable system for different coverage areas
- Flexible feed from tanks, pumps or central system
- Versatility to handle different lubricant viscosities

Applications

- In-die lubrication
- Blanks, sheet, or coil-fed stock
- Drawing, piercing, and crimping
- Pulsed lubrication (up to 300x/minute)
- Tube forming



"The MicroCoat has increased die life 50%, reduced maintenance and downtime, and given us greater production capacity. Plus, part consistency is dramatically better."

Dennis Herdegen, Vice President of Manufacturing ETCO Inc.

Part #	Description
7021615	Stainless steel valve with .046" fan nozzle Maximum coverage 82.6 mm (3.25")
7021618	Stainless steel valve with wide fan nozzle Maximum coverage 165.1 mm (6.5")



more info



System overview

The MicroCoat 781S system provides precise, consistent application of low to high viscosity lubricants from any angle. A precision stroke control adjustment allows the amount of lubricant applied by each valve to be finetuned for optimum coverage.

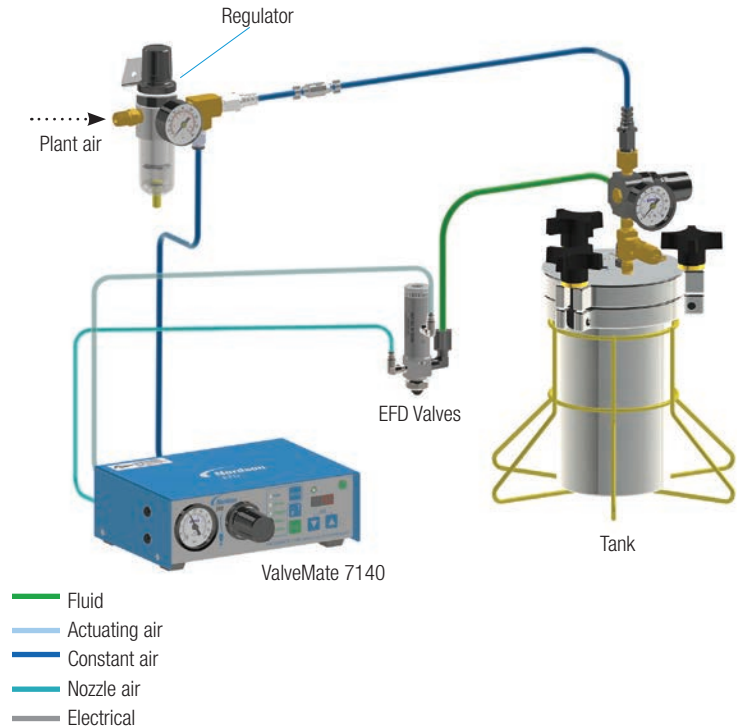
The combination of adjustable fluid flow, adjustable nozzle air and post-air cutoff provides excellent control. Precision-machined components and spring-loaded PTFE needle packings ensure many millions of troublefree cycles.

System configurations

One 781S Series valve will cover an area from 4.8 mm to 165.1 mm (3/16" to 6.5") wide. The standard MicroCoat 781S system configuration includes a lubricant reservoir, one or more valves, and a valve controller.

Components are ordered separately, depending on coverage requirements. Options include:

- 1 liter, 5 liter, or 19 liter tank
- 23 liter pump/regulator system
- Flow guard to signal low or high flow alerts (Steady lubrication mode only)
- Fluid regulator to step down pressure when fluid is supplied from a central reservoir



For Nordson EFD sales and service in over 40 countries, contact Nordson EFD or go to www.nordsonefd.com.

Global

800-556-3484; +1-401-431-7000
info@nordsonefd.com

Europe

00800 7001 7001
infoefd.europe@nordsonefd.com

Asia

China: +86 (21) 3866 9006; china@nordsonefd.com
India: +91 80 4021 3600; india@nordsonefd.com
Japan: +81 03 5762 2760; japan@nordsonefd.com
Korea: +82-31-736-8321; korea@nordsonefd.com
SEAsia: +65 6796 9522; sin-mal@nordsonefd.com

©2022 Nordson Corporation v020922