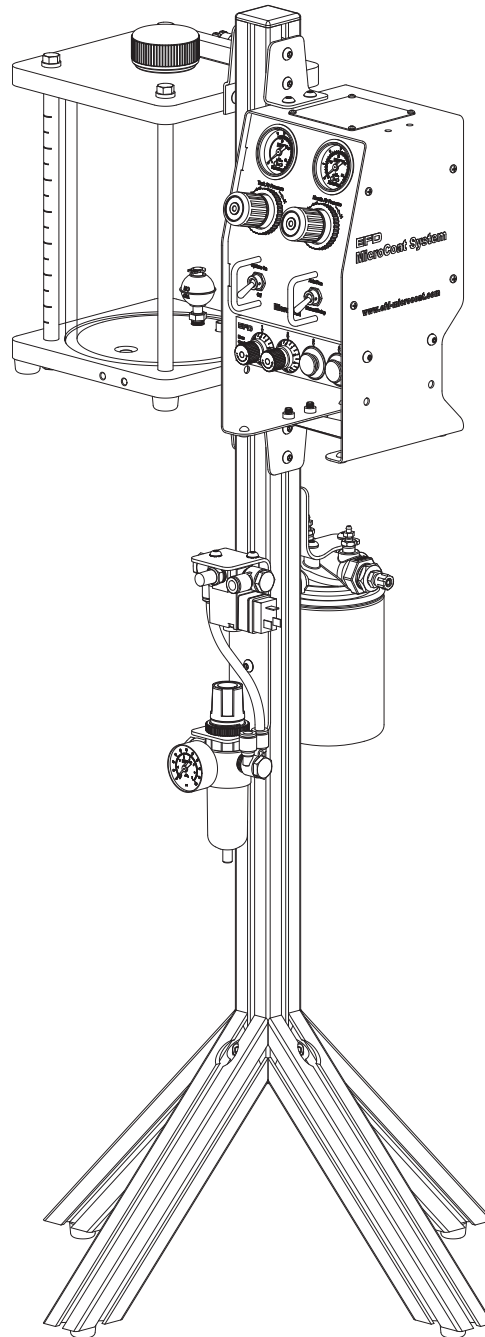


MicroCoat® Lubrication Systems

PARTS & ACCESSORIES LIST

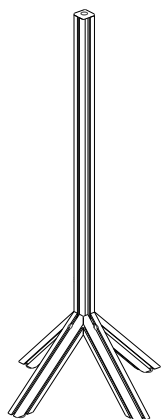


Nordson
EFD

www.nordsonefd.com info@nordsonefd.com USA & Canada 800.556.3484 Europe +44 (0) 1582 666334 India +91 80 4021 3600 Asia +86 (21) 3866 9006

Sales and service of Nordson EFD dispensing systems are available worldwide.

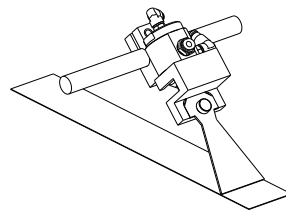
MicroCoat® Accessories



MicroCoat System Stands

Aluminum stands offer convenient, stable mounting of controller and tank reservoir.

Part# **7008017**



Valve Alignment Tool

Use to position the valve to provide exact spray coverage. Includes (3) standard and (3) wide fan templates.

Part# **7023866**

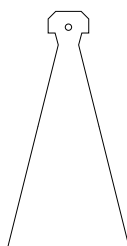
Brackets

MicroCoat controller brackets

Part# **7022163**

MicroCoat tank brackets

Part# **7023858**



Valve Alignment Template

Use on valve alignment tool. Cut to stock width. (5) per bag.

Part# **7021095**

For use with MC785M (Part# **7008020**)

Part# **7021097**

For use with MC785M-WF (Part# **7008013**)



Lubricant Filters

Filters small particles from the lubricant.

Assembly includes mounting bracket and fittings

Part# **7022156**

(Note: Includes Part# **7022210** special 6mm fluid tee fitting)

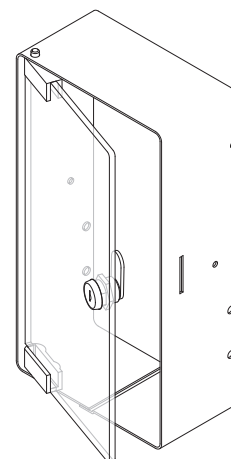
Part# **7017347**

Replacement filters, (4) per box

Shield

Control panel shield with lock prevents unauthorized adjustment of flow controls. Mounts directly onto MC800 (Part# **7008008**) controller. Clear Lexan™ cover with key lock.

Part# **7023891**

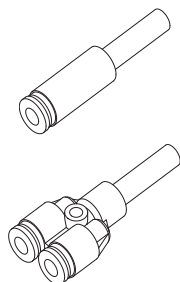


MicroCoat® Accessories

Air Connector / Manifold

Connects air hoses from the controller to the valves.

Each of the following contains a set of 2 connectors / manifolds.



Part# **7022203**

Single valve connector

Part# **7022205**

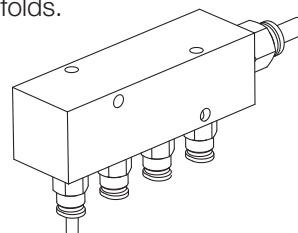
Dual valve connector

Part# **7022157** (shown)

Air manifold, 4 port

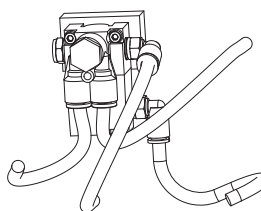
Part# **7008011**

Air manifold, 8 port



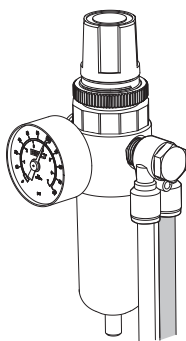
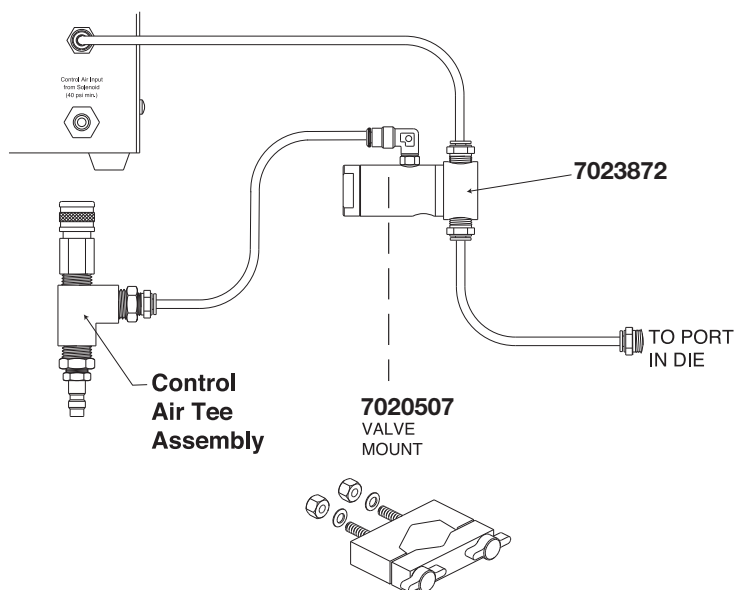
Pilot Valve Replacement Kit (Part# 7022245)

Pilot valve mounting product assembly includes: precut tubing, push-in fittings and mounting hardware.



MC751M (Part# 7023872)

For in-die lubrication. Provides ON/OFF oil flow control to in-die ports.

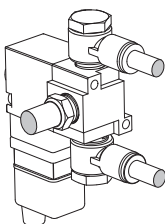


Filter/Regulator, MC800 (Part# 7008008)

5-micron filter/regulator to insure clean, dry air into MC800 controller.

Part# **7022158**

MicroCoat® Accessories



Solenoids

3-way solenoid used to provide on/off switching and control. Tied to press run/clutch circuit. Order appropriate cordset to match solenoid voltage.

Part# 7008014	24 volt DC solenoid
Part# 7022162	24 volt AC solenoid
Part# 7022159	100 volt AC solenoid
Part# 7022160	120 volt AC solenoid
Part# 7022161	220 volt AC solenoid
Part# 7016694	AC solenoid cordset
Part# 7008016	DC solenoid cordset

Tubing

Urethane tubing of various O.D.

For MC785M valves

Part# 7008007	4 mm, black
Part# 7022171	4 mm, clear
Part# 7008006	4 mm, white

MC800 controller outlet tubings to air manifolds

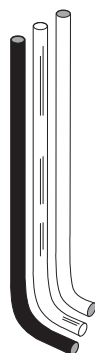
Part# 7022175	6 mm, black
Part# 7022176	6 mm, white

System input air lines: constant and control air

Part# 7022180	8 mm, black
Part# 7022181	8 mm, white

Spiral wrap for air/feed lines

Part# 7023377	13mm spiral wrap, black
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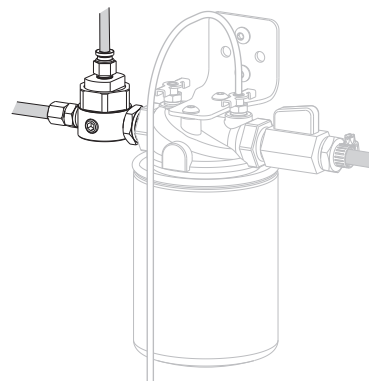


Fluid Regulator

Provides stepdown fluid pressure control when used with pressurized central fluid systems to feed directly into the MicroCoat MC800 (Part# **7008008**) controller.

Part# **7023854**

Consists of MC filter assembly with fluid regulator attached

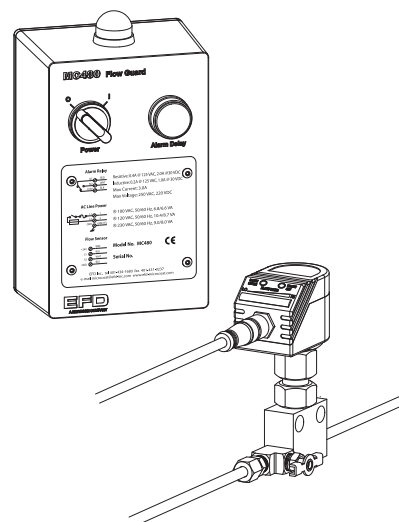


Flow Guard

Provides effective press/die protection by (1) monitoring lubricant flow, and (2) automatically stopping the press if a high or low flow condition occurs.

Part# 7023836	120 VAC version
Part# 7023837	220 VAC version

Includes a flow sensor (Part# **7017529**) and Flow Sensor Controller



MicroCoat® MC800 Series Components

MicroCoat Spray Valves

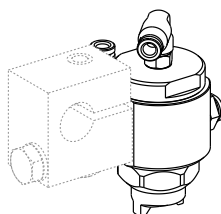
Compact, low-maintenance valve with 4 meter tubing (clear, white, black) and mounting clamp included. Valve fits between the stock feed and die, and applies lubricant in a fine, uniform film without mist or overspray. To simplify installation, refer to valve mounting hardware product sheet.

MC785M (Part# **7008020**)

Standard Fan Spray valve up to 3" coverage

MC785M-WF (Part# **7008013**)

Wide Fan Spray valve up to 6" coverage



MicroCoat Controller

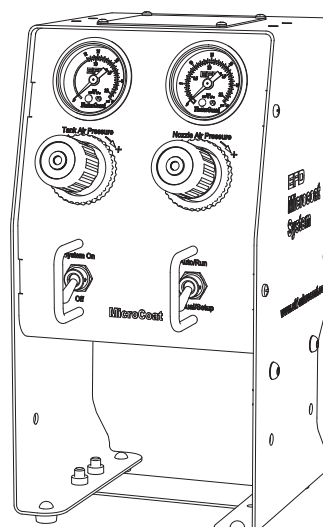
The base controller provides operation of system on/off; Auto/Run or Manual mode; reservoir and nozzle air pressure controls.

MC800 (Part# **7008008**)

MicroCoat Controller

MC800-15 (Part# **7023877**)

MicroCoat Controller with 0-15 psi



Fluid Manifold

Divides the fluid flow to the different MC785M (Part# **7008020**) valves. Each manifold accepts up to (4) flow controls.

Part# **7008010**

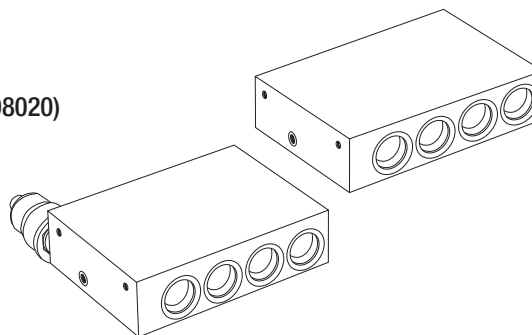
with pressure sensor

Part# **7008003**

without pressure sensor

Part# **7022182**

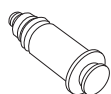
pressure switch, 10 PSI



Fluid Flow Control Valve

Provides independent flow control of the fluid lubricant to each spray valve. Each blue ring on the indicator stem signifies one complete rotation.

Part# **7008004**

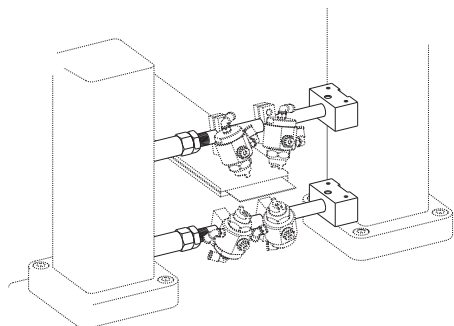


Manifold Block-off Plug

Used to block off fluid flow in unused manifold port.

Part# **7008005**

MicroCoat® Valve Mounting Hardware



Expansion Mount

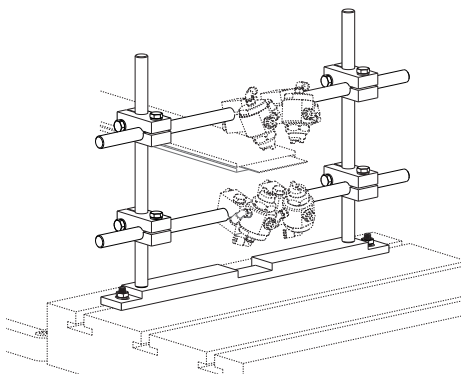
Fits in the press window of four post stamping presses. No need to drill or fabricate attachment hardware; the fixture expands to fit securely between the two posts of the press. Includes (2) sets of 1/2" diameter stainless steel rods and mounting hardware. Two sizes available for press windows up to 12" or 24". Contact EFD if longer lengths are required.

Part# **7023864**

Expansion mount kit (12")

Part# **7023865**

Expansion mount kit (24")



Gantry-style Mount

For installing on bolster plate or other flat area. Includes (4) part# **7023862** cross clamps, (2) 9.4" threaded vertical rods, (2) 15.75" horizontal rods and (1) 13.75" base plate. Vertical rods can be purchased separately for use with 8 mm x 1.25 mm threaded magnetic mounts.

Part# **7023867**

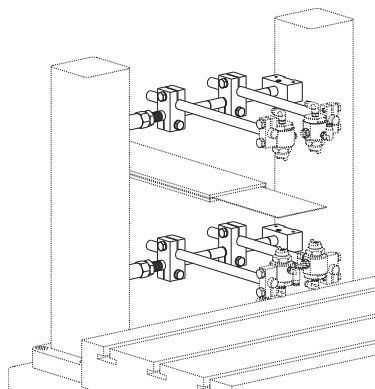
Gantry-style mount kit

Part# **7021103**

Horizontal rod

Part# **7021102**

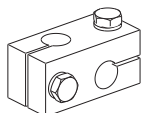
Threaded vertical rod



Extension Rod

Use with cross clamp to extend valves beyond press window. Stainless steel rod 1/2" in diameter by 4" long.

Part# **7021098**



Cross Clamp

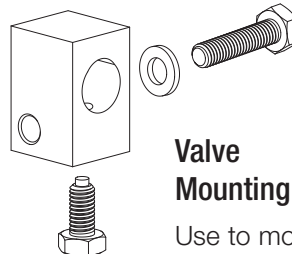
Use to extend valves from expansion or gantry mount.

Part# **7023862**

Mounting Rod

Stainless steel rod 1/2" in diameter by 10" long.

Part# **7021060**



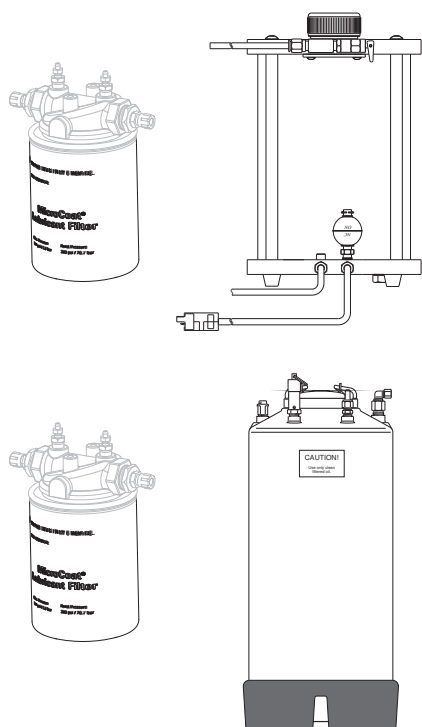
Valve Mounting Clamp

Use to mount MC785 valves to 1/2" diameter rod.

Note: (1) included with each MC785M valve.

Part# **7021742**

MicroCoat® Tanks



Part# **7016750** - 6 mm feed line

Tank Reservoirs

Clear acrylic reservoirs allow easy viewing of oil level and feature a low-level float switch, lubricant filter assembly. Mounting brackets included.

Part# **7023843** 3.8 liter or one gallon tank

Part# **7023846** 7.5 liter or two gallon tank

19 liter or five gallon reservoirs are made of 304 stainless steel and include a low-level float switch and lubricant filter assembly. Units are freestanding. The MC687-DFS (Part# **7023848**) has a second float switch that can be wired to a warning device.

Part# **7023849** Five gallon tank
with low-level float switch

Part# **7023850** Five gallon tank
with double float switch
(detects mid and low level)

MicroCoat Pump/Reservoir System

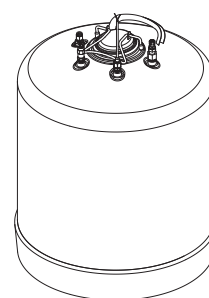
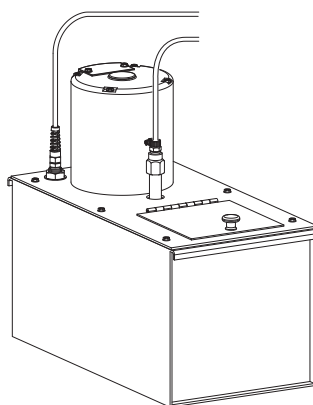
The MC600 system is a gear-type pump that provides consistent fluid feed to the MC800 (Part# **7008008**) controller. For lubricant use only. Features include a 6-gallon or 22.71 liter capacity fluid tank, low fluid level detection switch and the MC690-FR (Part# **7023853**) fluid regulator.

Part# **7023841** 120V motor

Part# **7008002** 220V motor

Part# **7020470** Single float switch kit (included)

Part# **7008012** Dual float switch kit
(order separately for auto refill)



20 gallon or 75.71 liter
pressure pot style tank
Part# **7022787**



name _____ title _____
company _____
address _____
city _____ state _____ zip code _____
e-mail _____ Yes, please send e-news.
telephone _____ fax _____

1. Please describe your application.

2. What kind of fluid is applied?

viscosity: _____ cps

3. What is your current method of fluid application?

drip or drip/pad air spray
airless spray stock roller
other _____

4. What coverage is required?

thin continuous
medium intermittent
heavy

5. Where is the fluid applied?

top bottom top and bottom

On what material? _____

6. What range of material widths or surface area
needs to be coated?

_____ minimum _____ maximum

General Fluid Coating Application Profile

For recommendations, please complete and
fax to **401-431-7079**.

If you prefer immediate application assistance, please call:

USA & Canada: 800.556.3484 or +1-401.431.7000

Europe: 0800 585733 or +44 (0) 1582 666334

India: +91 80 4021 3600 Asia: +86 (21) 3866 9006

email: info@nordsonefd.com

For online information, please visit: www.nordsonefd.com

7. What is the available height above and below the
material where spray nozzles could be mounted?

_____ above

_____ below

8. How fast is the material feed?

_____ fpm

9. What process improvements do you want?

controlled coverage	reduce rejects
reduced maintenance	increase output
clean work environment	cut fluid use
other _____	

10. Do you have further comments or questions?

Action requested ...

Please call to confirm EFD MicroCoat System will meet
my requirements and to make recommendations.

I am interested in a no-charge evaluation.

My phone number is: _____ ext. _____

Best time to call is: _____ am _____ pm

USA & Canada: 800.556.3484 or +1-401.431.7000

Europe: 0800 585733 or +44 (0) 1582 666334

India: +91 80 4021 3600

Asia: +86 (21) 3866 9006

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www.nordsonefd.com

The Wave Design is a trademark of Nordson Corporation.

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