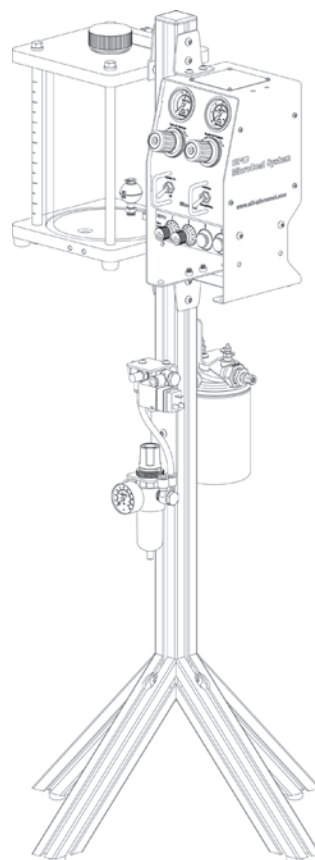


MicroCoat Lubrication Systems

Parts & Accessories List



MicroCoat Systems

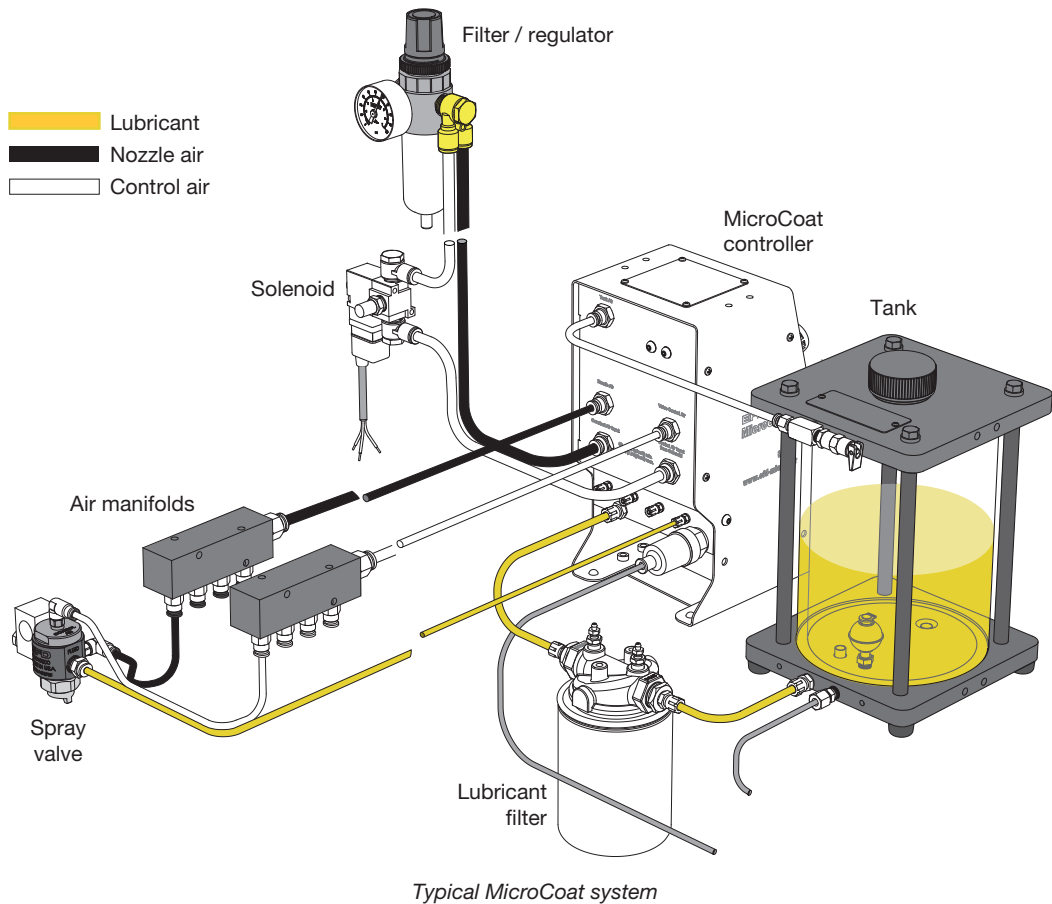
The MicroCoat® lubrication system includes various assemblies that are selected based on customer requirements. A typical system configuration includes a base system, valves, a solenoid, and any optional accessories.

Base Systems

Part #	Description
7012656	MicroCoat system with 3.8 L (1.0 gal) tank, pre-configured for up to 2 valves
7365970	MicroCoat system with 7.5 L (2.0 gal) tank, pre-configured for up to 4 valves

Assemblies Included in Base Systems

Part #	Description	7012656	7365970
7008008	MicroCoat controller, 0–7 bar (0–100 psi)	1	1
7023843	MicroCoat tank, 3.8 L (1.0 gal)	1	0
7023846	MicroCoat tank, 7.5 L (2.0 gal)	0	1
7008010	Fluid manifold with sensor	1	1
7008004	Flow control for MicroCoat lubricant	2	4
7008005	Flow control block-off plug	2	0
7022157	Air manifold, 4 port	1	1
7022158	Filter / regulator	1	1



MicroCoat Systems (continued)

Configure a System in 4 Steps

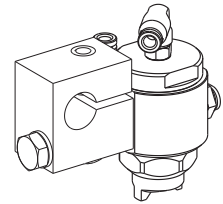
1. Choose the Base System

# of Valves	Tank Size	Part #
1–2 valves	3.8 L (1.0 gal)	7012656
3–4 valves	7.5 L (2.0 gal)	7365970

2. Choose the Valves

Includes valve mounting clamp.

Valve	Spray Pattern	Part #
MC785M	Standard (up to 76 mm / 3" of coverage)	7008020
MC785M-WF	Wide (up to 152 mm / 6" of coverage)	7008013

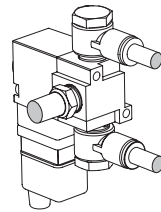


3. Choose the Solenoid

Only one required.

Includes cordset and bracket.

Input Power	Part #
24 VDC	7008014
120 VAC	7022160
220 VAC	7022161



4. Add Optional Accessories

The most commonly selected accessories are shown. Refer to "MicroCoat Accessories and Replacement Parts" on page 4 for all available MicroCoat components.

Accessories	Part #
Controller stand	7008017
Lubricant filter	7022156
Filter elements, 4 per box	7017347

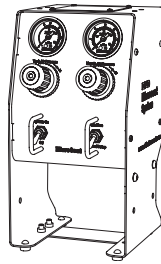
MicroCoat Accessories and Replacement Parts

Controller, Stand, and Mounting

MicroCoat Controller

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

Part #7008008 MicroCoat controller, 0–7 bar (0–100 psi)



System Stand

Aluminum stand offers convenient, stable mounting of controller and tank.

Part #7008017



Controller Bracket

(not shown)

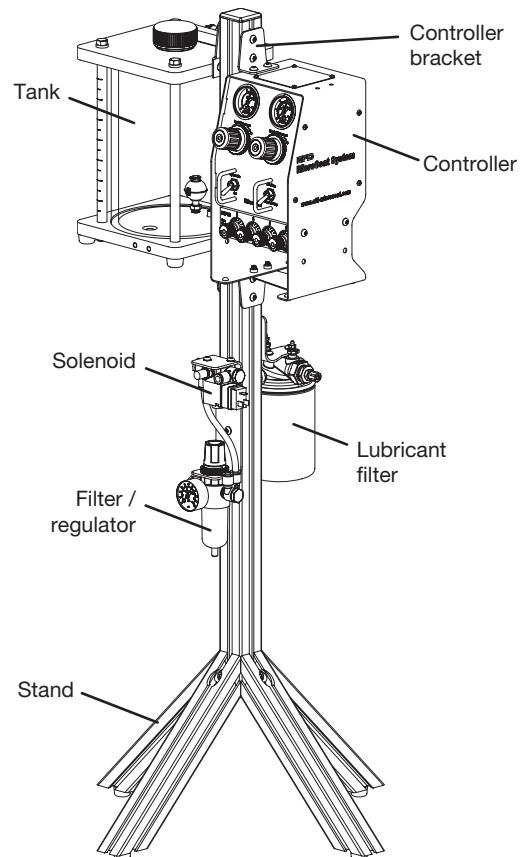
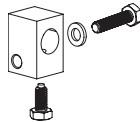
Part #7022163

Valve Mounting Clamp

Use to mount MC785M Series valves to a 1/2" diameter rod.

NOTE: One (1) included with each MC785M valve.

Part #7021742



Typical MicroCoat system mounted on a stand

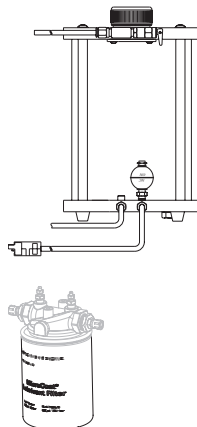
Tanks and Pump / Reservoir System

Tanks

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

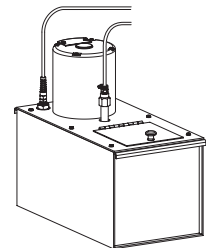
Part #7023843 3.8 L (1 gal) tank

Part #7023846 7.5 L (2 gal) tank



MicroCoat Pump / Reservoir System

The MC600 system is a gear-type pump that provides consistent fluid feed to the MC800 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 fluid regulator.



Part #7023841 120V motor

Part #7008002 220V motor

MicroCoat Accessories and Replacement Parts (continued)

Air Flow

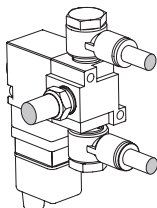
Solenoids

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

Part #7008014 24 VDC solenoid

Part #7022160 120 VAC solenoid

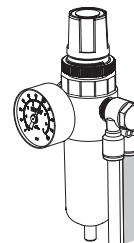
Part #7022161 220 VAC solenoid



Filter / Regulator

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

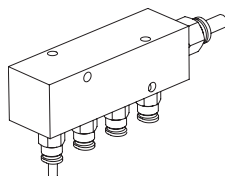
Part #7022158



Air Connector / Manifold

Connects air hoses from the controller to the valves.

Part #7022157 Air manifold, 4 port (includes two connectors / two manifolds)



Urethane tubing

For MC785M valves:

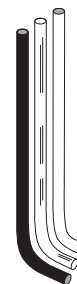
Part #7008007 4 mm, black

Part #7022171 4 mm, clear

Part #7008006 4 mm, white

MC800 controller outlet tubing to air manifolds:

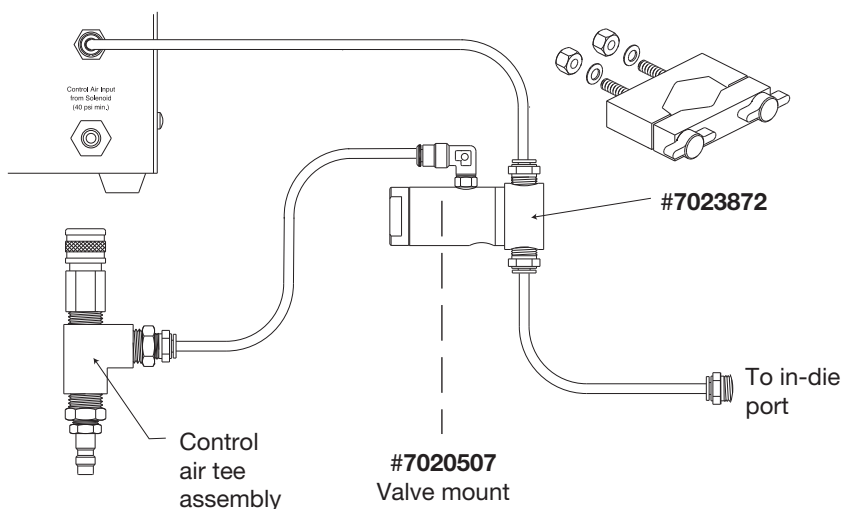
Part #7022175 6 mm, black



MC751M

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

Part #7023872



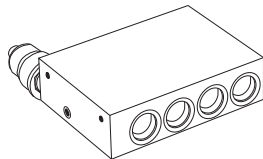
MicroCoat Accessories and Replacement Parts (continued)

Fluid Flow

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

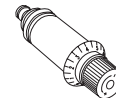


Fluid Flow Control Valve

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



Lubricant Filter

Filters small particles from the lubricant. Assembly includes mounting bracket and fittings.

Part #7022156 Filter assembly

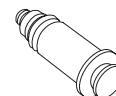
Part #7017347 Replacement filters, 4 per box



Manifold Block-Off Plug

Used to block off fluid flow in unused manifold port.

Part #7008005

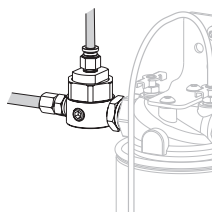


Fluid Regulator

Provides step-down 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



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