

SPRAYMASTER®

APPLICATIONS

Spraymaster® systems provide convenient spray cooling in metal cutting. Requiring only compressed air as a power source, these units are easily installed in many machining applications.

The Spraymaster is designed for use with Tri-Cool synthetic coolant. Various mixtures of coolant to water may be used depending upon individual requirements.

Stainless steel reservoir versions are available with the same performance features as the standard Spraymaster.

FEATURES

- Siphon delivery system
- Air and coolant are independently controlled by solid brass precision needle valves
- Brass armored lines are a standard 5 foot length
- 6 in. straight brass nozzle is designed so atomization takes place at nozzle tip for enhanced pattern control
- Mounting brackets included for easy installation
- 1 or 2 outlet line models provide maximum flexibility
- Liquid level gauge easily indicates coolant level at a glance
- Polyethylene dimensions: 12-1/4"H x 10"W x 5-1/4" D
- Stainless steel dimensions: 9-3/8"H x 8-3/8"W x 5-1/4"D

HELPFUL TIP:

- ✦ SprayMaster units are designed to be used with a water-soluble coolant. See Tri-Cool Fluids document.



SPECIFICATIONS

Cover	High Density Polyethylene
Reservoir	High Density Polyethylene or 20 Gauge 304 Stainless Steel
Valves	Brass
O-Rings	Buna-N
Delivery Line	Brass Armored
Coolant Tube	Polyurethane
Fittings	Brass
Filter Element	40X40 Mesh Stainless Steel
Air Inlet	1/4 NPT

SELECTION CHART

Model No.	Reservoir Type	Capacity (gals.)	No. of Lines	Line Length (ft.)
30542	High Density Polyethylene	1	1	5
30543			2	
30548	Stainless Steel		1	
30549			2	

ACCESSORIES


NOZZLES

Spraymasters are supplied with straight nozzles. Other nozzle types are available for customer installation.

Model No.	Length	Type
30490	6"	Straight
30491		45° Angled
30492		90° Angled
30493		Flexible Loc-Line

MAGNETIC NOZZLE HOLDERS

Magnetic nozzle holders facilitate the placement and directing of the nozzle.

	Model No.	Description
	30460	30 lb. Holder
	30630	60 lb. Holder
	30142	165 lb. Holder





30458

FEATURES

- Siphon delivery system
- High performance 7 in. flexible segmented plastic nozzle
- Solenoid control for instantaneous response
- 1 or 2 outlet, 5 ft. brass armored lines
- Easy to read coolant sight gauge
- Easy to mount reservoir bracket for permanent mounting to application
- Independent air and coolant controls for lean to rich spray delivery
- Size: 12-1/4"H x 10"W x 5-1/4"D

HELPFUL TIP:

† SprayMaster II units are designed to be used with a water-soluble coolant. See Tri-Cool Fluids document.

APPLICATIONS

The SprayMaster II is designed for applications where the ability to cycle the delivery is required. Solenoid control of spray coolant allows instant on-off operation for use in fixtured secondary machining. Solenoid control also conserves on coolant use during load and unload portion of cycle. This model is available with two lines for maximum coolant delivery or pattern control. The Spraymaster II can be interfaced with a wide range of signaling devices for automatic delivery applications.

SELECTION CHART

Comes complete with UL and CSA approved 110 volt, 60 Hz power cord. Fused and fully grounded.

Model No.	Capacity (gal.)	No. of Lines	Length of Lines (ft.)
30458	1	1	5
30459	1	2	5

SPECIFICATIONS

Reservoir	High Density Polyethylene
Sight	Acrylic Plastic
Valves	Brass
Seals	Buna-N
Delivery Line	5 ft. Brass Armored
Coolant Tube	Polyurethane
Filter Element	40 x 40 Mesh Stainless Steel
Solenoid	Brass Body & S/S Plunger
Air Inlet	1/4 NPT
Air Inlet Pressure	50 - 100 PSI

ACCESSORIES

NOZZLES

Model No.	Length	Type
30260	6"	Straight
30622	7"	Flexible Plastic
30623	12"	

MAGNETIC NOZZLE HOLDERS

Magnetic nozzle holders facilitate the placement and directing of the nozzle.

	Model No.	Description
	30460	30 lb. Holder
	30630	60 lb. Holder
	30142	165 lb. Holder

