



Merkur® Low Pressure

Air Spray Pump and Spray Packages



Advanced Technology. Superior Performance.

The Merkur® spray packages are designed to outperform and outlast other pumps in their class. With a variety of configurations to choose from, you get the solution you need for all of your finishing applications.

PROVEN QUALITY. LEADING TECHNOLOGY.

Long-Lasting Durability

Pump Lower

- Easy-to-flush design allows for fast color changes and reduced solvent usage
- 300 Series stainless steel pump construction provides long-lasting durability
- Designed for improved serviceability with fewer parts and lower cost of ownership

Air Valve

Provides smooth and rapid changeover

Quick Removal Coupler

Allows for easy disassembly of the pump lower from the air motor

Throat Seal and Rod Enclosure

Protects pumped material and wet cup from contamination but can be easily removed to monitor and service

Throat Seal Liquid (TSL) Level Indicator

Extended wet cup for external filling and monitoring of TSL™ levels

Piston and Displacement Rod

Chromex ceramic coating allows protection for long life even with abrasive materials

Throat and Piston Packings

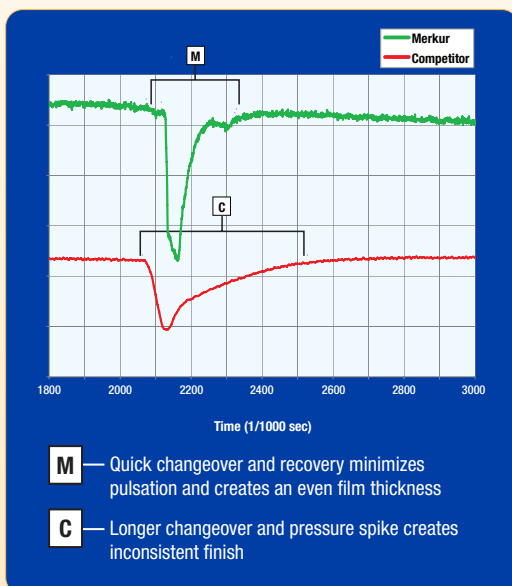
Self-adjusting and spring-loaded so no adjustments are needed to maintain long packing life

360° Inlet Fitting

Makes it easy to access the pail from almost any location

Less Pulsation for Better Results

Merkur is designed to provide a smooth, rapid changeover for a better, more consistent finish and less user fatigue.



Making the Right Choice for your Application

The Merkur low pressure piston pump is available in a variety of configurations including AirPro spray guns and Pro Xp air spray electrostatic guns.



Air Motor

- Highest technology air motor on the market
- Low air consumption for increased efficiency
- Muffler provides low operating noise levels
- External valve access allows for easy servicing and online replacement to minimize downtime

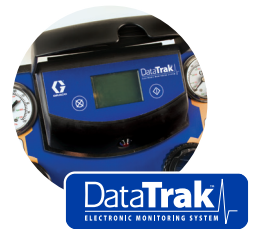
Operator Control Panel

- Air controls located at operator height for easy setting and monitoring

DataTrak™

Monitor and protect your pump with our patented DataTrak which integrates local monitoring systems!

- Easy to set runaway protection, where you set the cycle rate limit
- Pump diagnostics help advise when to maintain the pump
- Resettable batch counter tracks material usage and maintenance schedule



Select a Spray Technology



AirPro™
Conventional Gun



AirPro™
HVLP Gun



AirPro™
Compliant Gun



Pro Xp™
Air Spray Electrostatic

Select a Mounting Configuration



Cart Mount



Wall Mount

Determine the Accessories



Suction Hose



Fluid Regulator



Filter

Ordering Information

						Air Controls	Hoses		Accessories		
Part No.	Applicator Description	Applicator Part No.	Cart Mount	Wall Mount	Data Trak	Pump and Gun	Gun Fluid Hose (25 ft.)	Gun Air Hose (25 ft.)	Siphon Kit	Fluid Filter	Fluid Regulator (241976)
G03C01	None		•			•			•		
G03C02	None		•		•	•			•	•	
G03C03	None		•			•			•	•	
G03C04	AirPro HVLP	288938	•		•	•	•	•	•	•	•
G03C05	AirPro HVLP	288938	•			•	•	•	•	•	•
G03C06	AirPro Conventional	288931	•		•	•	•	•	•	•	•
G03C07	AirPro Conventional	288931	•			•	•	•	•	•	•
G03C08	AirPro Compliant	288945	•		•	•	•	•	•	•	•
G03C09	AirPro Compliant	288945	•			•	•	•	•	•	•
G03C15	None		•								
G03W01	None			•		•			•		
G03W02	None			•	•	•			•	•	
G03W03	None			•		•			•	•	
G03W04	AirPro HVLP	288938		•	•	•	•	•	•	•	•
G03W05	AirPro HVLP	288938		•		•	•	•	•	•	•
G03W06	AirPro Conventional	288931		•	•	•	•	•	•	•	•
G03W07	AirPro Conventional	288931		•		•	•	•	•	•	•
G03W08	AirPro Compliant	288945		•	•	•	•	•	•	•	•
G03W09	AirPro Compliant	288945		•		•	•	•	•	•	•
G03W15	None			•							
G03C10	Pro Xp 60 KV Electrostatic	L60T10	•		•	•	•*	•*	•	•	•
G03C11	Pro Xp 60 KV Electrostatic	L60T10	•			•	•*	•*	•	•	•
G03C12	Pro Xp 85 KV Electrostatic	L85T10	•		•	•	•*	•*	•	•	•
G03C13	Pro Xp 85 KV Electrostatic	L85T10	•			•	•*	•*	•	•	•
G03W10	Pro Xp 60 KV Electrostatic	L60T10		•	•	•	•*	•*	•	•	•
G03W11	Pro Xp 60 KV Electrostatic	L60T10		•		•	•*	•*	•	•	•
G03W12	Pro Xp 85 KV Electrostatic	L85T10		•	•	•	•*	•*	•	•	•
G03W13	Pro Xp 85 KV Electrostatic	L85T10		•		•	•*	•*	•	•	•

*Grounded electrostatic air and fluid hose

Technical Specifications

Pump Ratio	
Fluid Flow @ 60 cpm	2.0 gpm (7.5 lpm)
Pump Volume per Cycle	4.2 oz (125 cc)
Maximum Fluid Outlet Pressure	120 psi (8.3 bar)
Maximum Air Inlet Pressure	50 psi (.5 bar)
Air Motor Displacement (cc per stroke)	200 cc
Air Consumption @ 100 psi (7 bar, 0.7 MPa) @ 20 cpm	3 scfm (0.08 m3/min)
Fluid Inlet Size	1 npt(m)
Fluid Outlet Size	1/2 npt(m)
Air Inlet	3/8 npt(f)

Instruction and Parts Manuals

3A7003	Merkur Air Spray Package
3A7004	Merkur Electrostatic Spray Package
312794	Merkur Pumps
312792	Merkur Displacement Lower
312796	Merkur Air Motor
312414	AirPro Pressure Feed Air Spray Gun
3A2494	Pro Xp Electrostatic Air Spray Gun
308325	Fluid Pressure Regulator
307273	Fluid Filter

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Call today for product information or to request a demonstration.

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