

LMI Solenoid Diaphragm Metering Pumps

Get precise control of flow rates

- Clear face cover protects pump controls on low flow models (1 GPH and lower)
- Chemical-resistant housing provides protection in harsh environments

A. Manual Control Pumps

These pumps include a four-function valve—an anti-siphon, back pressure, priming, and pressure relief valve all in one.

B. Remote Control Pumps

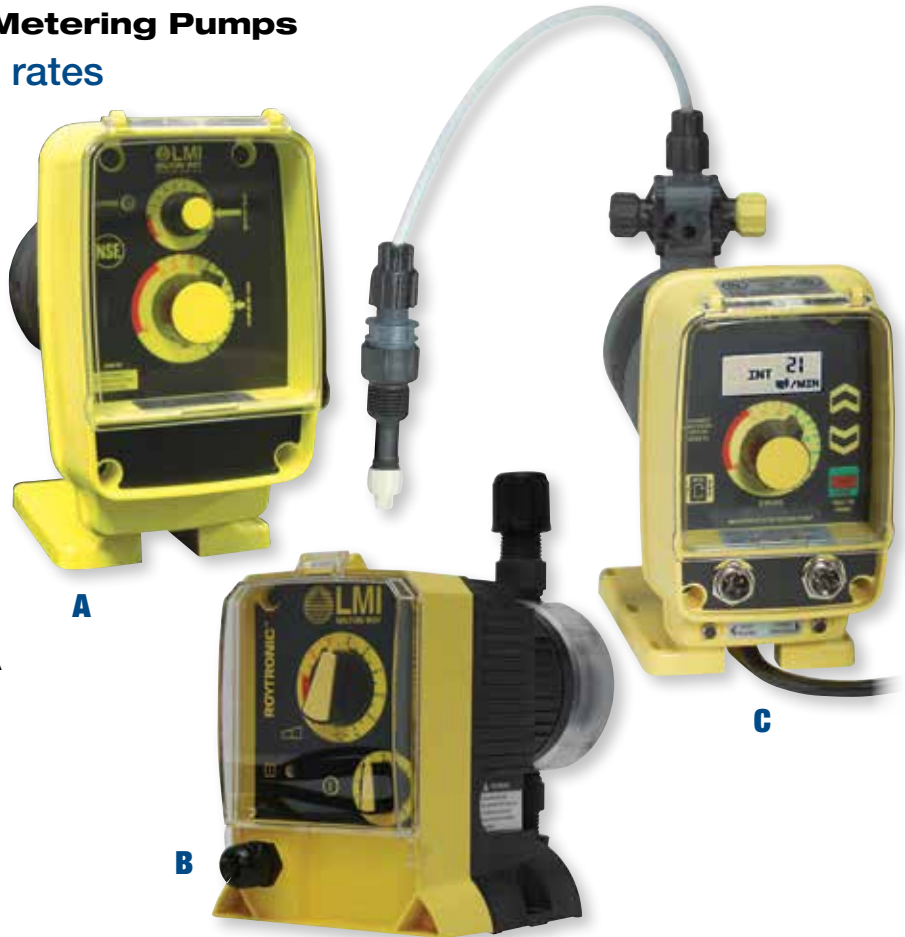
An external pulse trigger can be accepted for remote stroke frequency control. Low-flow pump models (1 GPH and lower) include easy access to 4-pin connections.

C. Digital Remote Control Pumps

Microprocessor control and an LCD display provides precise accuracy. Programmable controller features three external control modes—pulse multiply, pulse divide, or 4-to-20 mA response. Pumps allow you to multiply or divide incoming pulse signal by 1 to 999.

What's included: a four-function valve (except high-flow remote control pumps, models 74514-50 and -55), 16-ft (4.9-m) polyethylene tubing, foot valve/strainer, and 8-ft (2.4-m) power cord with molded plug.

Service kits include: a replacement diaphragm, seal, four pump head screws, and check valves.



Specifications

Maximum temperature: 140°F (60°C)
Repeatability: ±2% full-scale

Suction lift: 5 ft (1.5 m) dry
External trigger (remote control and digital remote control pumps only): contact closure, transistor, or opto-isolator rated for 15 VDC, 2 mA

Input signal (digital remote control pumps only): 4 to 20 mA, 0 to 20 mA

Flow range		Max psi (bar)	Port size	Wetted parts	115 VAC, 50/60 Hz			230 VAC, 50 Hz			Service kits	
GPH	mL/min				Cat. no.	Amps	Price	Cat. no.	Amps	Price	Cat. no.	Price
A. Manual control pumps												
0.006 to 0.42	0.4 to 26.7	140 (9.6)	1/4" OD	PVC head and fittings, ceramic balls, Fluorofilm diaphragm, PVDF/Polyprel seal ring	GH-74517-01	1.4		GH-74517-06	0.7		GH-74513-08	
0.01 to 1.0	0.63 to 63.3	110 (7.5)	3/8" OD		GH-74517-11			GH-74517-16			GH-74513-18	
0.013 to 2.5	0.79 to 158.3	100 (6.8)	3/8" OD		GH-74513-20	3.5		GH-74513-25	1.75		GH-74513-18	
0.02 to 4.0	1.26 to 251.7	100 (6.8)	3/8" OD		GH-74513-30			GH-74513-35			GH-74513-38	
0.45 to 8.0	2.52 to 500.0	60 (4.1)	3/8" OD		GH-74513-40			GH-74513-45			GH-74513-38	
											GH-74513-48	
B. Remote control pumps												
0.006 to 0.42	0.4 to 26.7	140 (9.6)	1/4" OD	PVC head and fittings, ceramic balls, Fluorofilm diaphragm, PVDF/Polyprel seal ring (Models 74514-50 and -55 have PVDF/Polyprel seal rings)	GH-74519-02	1.4		GH-74519-07	0.7		GH-74513-08	
0.01 to 1.0	0.63 to 63.3	110 (7.5)	3/8" OD		GH-74519-12			GH-74519-17			GH-74513-18	
0.013 to 2.5	0.79 to 158.3	100 (6.8)	3/8" OD		GH-74514-20	3.5		GH-74514-25	1.75		GH-74513-18	
0.02 to 4.0	1.26 to 251.7	100 (6.8)	3/8" OD		GH-74514-30			GH-74514-35			GH-74513-38	
0.45 to 8.0	2.52 to 500.0	60 (4.1)	3/8" OD		GH-74514-40			GH-74514-45			GH-74513-48	
0.1 to 20.0	6.33 to 1262.0	25 (1.7)	1/2" OD		GH-74514-50			GH-74514-55			GH-74514-58	
C. Digital remote control pumps												
0.006 to 0.42	0.4 to 26.7	140 (9.6)	1/4" OD	PVC head and fittings, ceramic balls, Fluorofilm diaphragm, PVDF/Polyprel seal ring	GH-74521-00	1.4		GH-74521-05	0.7		GH-74513-08	
0.01 to 1.0	0.63 to 63.3	110 (7.5)	3/8" OD		GH-74521-10			GH-74521-15			GH-74513-18	
0.013 to 2.5	0.79 to 158.3	100 (6.8)	3/8" OD		GH-74516-20	3.5		GH-74516-25	1.75		GH-74513-18	
0.02 to 4.0	1.26 to 251.7	100 (6.8)	3/8" OD		GH-74516-30			GH-74516-35			GH-74513-38	
0.45 to 8.0	2.52 to 500.0	60 (4.1)	3/8" OD		GH-74516-40			GH-74516-45			GH-74513-38	
											GH-74513-48	

Wait!

There's More at
ColeParmer.com

Browse 100,000+ products plus find
Technical Resources to help you choose