

▶ up to 8.4 gph (32 l/h)

ProMinent® Gamma/L Series

Experts in Chem-Feed and Water Treatment

ProMinent®

The smartest programmable pump in the world!

The gamma/ L is the world's first calibrateable solenoid pump. The metered quantity is directly displayed in gph or L/h. The large illuminated LCD display assures that all displayed variables are simple to read.

Applications

- Bleach and other off-gassing fluid applications
- Water and wastewater treatment
- Highly automated processes in nearly all industries
- Cooling tower and boiler water treatment

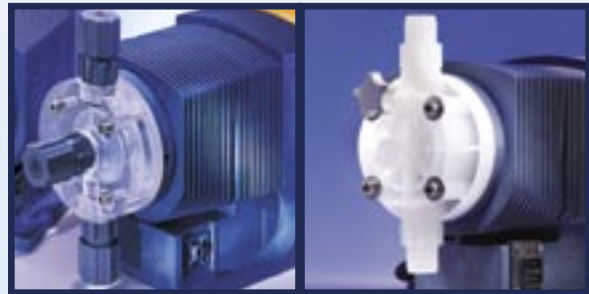


ProMinent® gamma/ L metering pump

Features and benefits

- Microprocessor based technology for flexible control: Manual stroke length and frequency, Batch, Remote on/off, Contact Pulse, Analog, 14-Day programmable timer
- Digital frequency and stroke length adjustment ensures repeatable accuracy
- Integral bleed valve eliminates priming issues
- Liquid end materials covering all chemicals
- Simple calibration allows pump to display flow rate and totalized flow
- Optional flow monitor for feed verification
- Universally compatible PVDF liquid ends
- Analog output of feed rate eliminates need to check on the pump
- New Protimer software for programming timer from PC
- Access Codes to prevent unauthorized adjustment
- Capable of handling up to 3000 cps for highly viscous media such as polymers

gotbleach? get ProMinent®



self-degassing and PVDF liquid ends

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Capacity data

Pump Version	Capacity at Maximum Backpressure			Capacity at 1/2 Maximum Backpressure			Pre-Primed Suction Lift		Max. Stroking Rate spm	Tubing Connectors** O.D. x I.D. inches	Shipping Weight (higher weights are for SS)	
	U.S. psig (bar)	GPH (L/h)	mL/ stroke	U.S. psig (bar)	GPH (L/h)	mL/ stroke	ft.	(m)			lbs.	(kg)
Gamm/ L with standard liquid ends												
1000	145 (10)	0.19 (0.74)	0.07	73 (5)	0.21 (0.82)	0.08	19.6 (6)	180	1/4 x 3/16	7.5-8.6 (3.4-3.9)		
1601	253 (17.5)	0.29 (1.1)	0.10	126 (8.75)	0.37 (1.4)	0.13	19.6 (6)	180	1/4 x 3/16	7.5-8.6 (3.4-3.9)		
1602	253 (17.5)	0.55 (2.1)	0.19	126 (8.75)	0.66 (2.5)	0.24	19.6 (6)	180	1/4 x 3/16	7.5-8.8 (3.4-4.0)		
1005	145 (10)	1.1 (4.4)	0.41	73 (5)	1.32 (5.0)	0.46	19.6 (6)	180	1/2 x 3/8	7.7-9.0 (3.5-4.1)		
0708	101 (7)	1.9 (7.1)	0.66	50.5 (3.5)	2.22 (8.4)	0.78	19.6 (6)	180	1/2 x 3/8	7.7-11.0 (3.5-5.0)		
0413	58 (4)	3.2 (12.3)	1.14	29 (2)	3.75 (14.2)	1.31	9.8 (3)	180	1/2 x 3/8	7.7-11.0 (3.5-5.0)		
0220	29 (2)	5.0 (19.0)	1.76	14.5 (1)	5.52 (20.9)	1.94	6.5 (2)	180	1/2 x 3/8	7.7-11.0 (3.5-5.0)		
1605	253 (17.5)	1.1 (4.1)	0.38	126 (8.75)	1.29 (4.9)	0.45	19.6 (6)	180	1/2 x 3/8	9.3-10.8 (4.2-4.9)		
1008	145 (10)	1.8 (6.8)	0.63	73 (5)	2.19 (8.3)	0.76	19.6 (6)	180	1/2 x 3/8	9.5-12.8 (4.3-5.8)		
0713	101 (7)	2.9 (11.0)	1.02	50.5 (3.5)	3.46 (13.1)	1.21	13.1 (4)	180	1/2 x 3/8	9.5-12.8 (4.3-5.8)		
0420	58 (4)	4.5 (17.1)	1.58	29 (2)	5.04 (19.1)	1.77	9.8 (3)	180	1/2 x 3/8	9.5-12.8 (4.3-5.8)		
0232*	29 (2)	8.4 (32.0)	2.96	14.5 (1)	9.56 (36.2)	3.35	6.5 (2)	180	1/2 x 3/8	9.9-13.9 (4.5-6.3)		
Gamm/ L with auto-degassing liquid ends												
1601	253 (17.5)	0.16 (0.59)	0.055	126 (8.75)	0.21 (0.78)	0.07	5.9 (1.8)	180	1/4 x 3/16	7.7 (3.5)		
1602	253 (17.5)	0.37 (1.4)	0.13	126 (8.75)	0.45 (1.7)	0.16	6.9 (2.1)	180	1/4 x 3/16	7.7 (3.5)		
1005	145 (10)	0.95 (3.6)	0.33	73 (5)	1.05 (4.0)	0.37	8.8 (2.7)	180	1/2 x 3/8	7.7 (3.5)		
0708	101 (7)	1.74 (6.6)	0.61	50.5 (3.5)	1.98 (7.5)	0.69	6.5 (2.0)	180	1/2 x 3/8	7.7 (3.5)		
0413	58 (4)	2.8 (10.8)	1.00	29 (2)	3.3 (12.6)	1.17	6.5 (2.0)	180	1/2 x 3/8	7.9 (3.6)		
0220	29 (2)	4.3 (16.2)	1.50	14.5 (1)	4.7 (18.0)	1.67	6.5 (2.0)	180	1/2 x 3/8	7.9 (3.6)		
1605	253 (17.5)	0.87 (3.3)	0.31	126 (8.75)	1.00 (3.8)	0.35	9.8 (3)	180	1/2 x 3/8	9.5 (4.3)		
1008	145 (10)	1.66 (6.3)	0.58	73 (5)	1.98 (7.5)	0.69	9.8 (3)	180	1/2 x 3/8	9.5 (4.3)		
0713	101 (7)	2.77 (10.5)	0.97	50.5 (3.5)	3.2 (12.3)	1.14	8.2 (2.5)	180	1/2 x 3/8	9.5 (4.3)		
0420	58 (4)	4.12 (15.6)	1.44	29 (2)	4.6 (17.4)	1.61	8.2 (2.5)	180	1/2 x 3/8	9.5 (4.3)		

Above capacities and suction lift refer to pumps tested on water at 115 VAC, 60 Hz, and an ambient temperature of 70°F (20°C). Higher specific gravity fluids will reduce suction lift. Higher viscosity fluids will reduce capacity.

Liquid ends for highly viscous media have 10-20% less metering capacity and are not self-priming. Standard connectors are 1/2" MNPT or 5/8" hose barb. Positive suction is recommended.

* Not available with bleed valve.

** SS versions use 1/4" female threads except models 0220, 0420, and 0232 which use 3/8" female threads.

Liquid end materials in contact with media

Version	Liquid End	Suction/Discharge valves	Seals	Valve balls	Diaphragm*
*PVT	*PVDF	*PVDF	PTFE	Ceramic	PTFE
PPE	Polypropylene	Polypropylene	EPDM	Ceramic	PTFE
PPB	Polypropylene	Polypropylene	Viton®	Ceramic	PTFE
PCE	PVC	PVC	EPDM	Ceramic	PTFE
PCB	PVC	PVC	Viton®	Ceramic	PTFE
NPE	Acrylic	PVC	EPDM	Ceramic	PTFE
NPB	Acrylic	PVC	Viton®	Ceramic	PTFE
TTT	PTFE with carbon	PTFE with Carbon	PTFE	Ceramic	PTFE
SST	316 Stainless steel	316 Stainless Steel	PTFE	Ceramic	PTFE

*Highly compatible material suitable for most fluids.

Viton® is a registered trademark of DuPont Dow Elastomers.

ProMinent Fluid Controls, Inc. (US)

136 Industry Drive,
Pittsburgh, PA 15275-1014
Tel: (412) 787-2484
Fax: (412) 787-0704
eMail: sales@prominent.us
www.prominent.us

ProMinent Fluid Controls Ltd. (Canada)

490 Southgate Drive,
Guelph, ON N1G 4P5
Tel: 1-888-709-9933 | (519) 836-5692
Fax: (519) 836-5226
eMail: sales@prominent.ca
www.prominent.ca

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