gamma/ XL Solenoid Diaphragm Metering Pump

Automatic Degassing for Critical Applications!



The gamma/ XL is a smart, connectible solenoid-driven metering pump that is setting new standards in terms of productivity, reliability and cost-effectiveness.

Features and Benefits

- Electronic stroke length adjustment via click wheel
- Integrated system pressure measurement
- High visibility of LED-indicator lights
- Large, illuminated display
- Integrated pressure measurement and display
- Available diaphragm rupture indicator
- New configurable input/output
- gamma/ XL and delta footprints are identical

Technical changes reserved. Printed in Germany, 17-6-2026.

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Technical Data

Pump type	Capacity at max. back pressure		Theor. stroke volume	Max. stroke rate	Nominal diameter	Suction lift*	Shipping weight NPE, NPB, PVT	Shipping weight SS
	psi	gph | l/h	ml/stroke	Strokes/min		ft | m WC	lb | kg	lb | kg
Metering pumps with non-self-bleeding dosing head								
GXLa 2508	363 **	1.98 | 7.5	0.63	200	3/8" x 1/4" ***	16 | 5	22 | 10	25 | 11
GXLa 1608	232	2.06 | 7.8	0.65	200	3/8" x 1/4" ***	16 | 5	22 | 10	25 | 11
GXLa 1612	232	3.17 | 12	1	200	3/8" x 1/4"	20 | 6	22 | 10	25 | 11
GXLa 1020	145	5.18 | 19.6	1.63	200	1/2" x 3/8"	16 | 5	22 | 10	25 | 11
GXLa 0730	102	7.77 | 29.4	2.4	200	1/2" x 3/8"	16 | 5	22 | 10	25 | 11
GXLa 0450	58	12.95 | 49	4.08	200	5/8" ID hose barb standard	10 | 3	22 | 10	25 | 11
GXLa 0280	29	20.74 | 78.5	6.54	200	5/8" ID hose barb standard	7 | 2	22 | 10	25 | 11
Metering pumps with self-degassing dosing head (dosing head design 7)								
GXLa 1608	145	1.85 | 7	0.6	200	3/8" x 1/4"	6 | 1.8	22 | 10	-
GXLa 1612	145	2.64 | 10	0.8	200	3/8" x 1/4"	6 | 1.8	22 | 10	-
GXLa 1020	145	3.96 | 15	1.25	200	1/2" x 3/8"	6 | 1.8	22 | 10	-
GXLa 0730	102	7.27 | 27.5	2.3	200	1/2" x 3/8"	6 | 1.8	22 | 10	-

* Suction lift with a filled dosing head and filled suction line, with a self-bleeding dosing head with air in the suction line.

** 363 psi variant only available with dosing head material NP or SS

*** With stainless steel design, 6 mm connector width.

gamma/ XL metering pumps with dosing heads for higher-viscosity media have a 10 – 20 % lower capacity and are not self-priming with all feed chemicals. G 3/4 - DN 10 connector with d 16 - DN 10 hose nozzle.

All data calculated with water at 68 °F (20 °C).

Connectors

Plastic	8 – 12 mm	Hose squeeze connector
	DN 10	d16 DN 10 hose sleeve
Stainless steel	6 – 12 mm	Swagelok system
	DN 10	Rp 3/8 insert

Metering diaphragm with PTFE coating.

Repeatability of metering ±1% when used in accordance with the operating instructions.

Permissible ambient temperature 14 °F to 113 °F (–10 °C to 45 °C).

Mean power consumption 78 W.

Degree of protection IP 66, insulation class F.

Scope of supply
Metering pump with mains cable, connector kit for hose/tube connector as per table.

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