

# DIAPHRAGM METERING

## UP TO 500 GPD, UP TO 250 PSI, SOLENOID DRIVEN DIAPHRAGM

These electronic solenoid driven diaphragm metering pumps come in five series that range from the economic C series with manual stroke length control to the E Plus series with 4-20mA and stop inputs for sensor or computer control. Pumps are available in 115 vac, 230 vac and 12 vdc with a variety of construction materials including Polypro, PVC, PVDF, Teflon, Hypalon, Viton, Stainless Steel and Alloy C.

Pump Series	Max GPD at PSI	Description
E-Plus	500 GPD at 20 PSI 40 GPD at 250 PSI	Stroke length and frequency adjustment, external pacing and 4-20mA control
E, A-Plus and C-Plus	44 GPD at 100 PSI 11 GPD at 250 PSI	Stroke length and frequency adjustment, and external pacing (except E series)
C Series	30 GPD at 80 PSI	Stroke length, optional external pacing



## UP TO 500 GPD, UP TO 300 PSI, PROGRAMMABLE DIAPHRAGM

These programmable solenoid driven diaphragm metering pumps includes 20 distinct models with capacities from 3 GPD at 300 PSI to 500 GPD at 20 PSI. Automatic control via 4-20 mA and 20-4mA current signals can be ratioed from 100% to 1% of incoming signal. Manual control allows for a combined 1000:1 turndown. Relay output is available for computer interface. LCD 16 character dot matrix backlit multilingual display allows for easy reading and user-friendly directions. Pumps are available in 115 vac, 230 vac and a variety of construction materials including Polypro, PVC, PVDF, Teflon, Hypalon, Viton, Stainless Steel and Alloy C.

Pump Series	Max GPD at PSI	Description
MP Series	500 GPD at 20 PSI 3 GPD at 300 PSI	Stroke length and frequency adjustment, external pacing, and 4-20mA input, 20-4mA variable control input and relay output for computer interface



## UP TO 4080 GPD, UP TO 305 PSI, MECHANICALLY DRIVEN DIAPHRAGM

The rugged construction of this mechanically driven diaphragm pump series meets the most rigorous applications. The stroke length is manually adjustable or with an optional microprocessor-based MLC controller which includes on-board calibration, a flexible operations interface, on-board batch/turndown programming and mechanical overrides. Motor speed is also controllable on the DC SCR driven models. All models come with superior Teflon faced, metal-reinforced diaphragms, the choice of PVC, PVDF or 316SS construction, and state-of-the-art designed check valves. Multiplexed pump arrangements are available with individually adjustable stroke lengths.

Head	Liquid End Construction		Gasket
	Ball	Seat	
PVC	Ceramic, Alloy C	PVC	PTFE
PVDF	Alloy C	PVDF	PTFE
316SS	316SS, Alloy C	316SS, O2OSS	PTFE

