

# DIAPHRAGM METERING PUMPS

## HYDRACELL



Metering Series

### UP TO 894 GPH, 2500 PSI DIAPHRAGM PUMP

Wanner Engineering's Hydracell hydraulically actuated diaphragm metering pumps are designed to pump a wide range of chemicals and liquids at very precise doses. The multiple diaphragm design reduces pulsations that are common in most metering pumps in the market. They are available in a wide variety of liquid end materials and can be controlled variably with a VFD (optional). Most commercial electrical inputs are available.

Model	Max Flow	Max Pressure (PSI)	Materials Available
P100	26 GPH	1500	Pump Head: Cast Iron, Kynar, 316SS, Polypro or Hastelloy. Diaphragms: EPDM, Viton, PTFE, neoprene or buna. Valves: 316SS, Hastelloy or ceramic
P200	80 GPH	1000	
P300	82 GPH	2500	
P400	243 GPH	1000	
P500	426 GPH	2500	
P600	894 GPH	1000	

## IWAKI



LK Series

### UP TO 114 GPH, 225 PSI DIAPHRAGM PUMPS

The LK Series from Iwaki is a rugged metering pump built for the most demanding customers including water treatment, chemical process, agriculture, mining and paper. This continuous duty pump is adjustable via a stroke adjustment micrometer from 100% of maximum flow down to 10%. They are available in a variety of materials and accept most commercially available electric inputs. VFD motors and DC drives can be employed.

Model	Max Flow	Max Pressure (PSI)	Materials Available
LKN32	9.5 GPH	225 SS/150 Plastic	Pump Head: 316SS, PVC or PVDF Diaphragms: EPDM-backed Teflon Valves: Viton, PVC, PVDF, SS, or ceramic
LKN45	15.9 GPH	225 SS/150 Plastic	
LKN47	31.8 GPH	120 SS/120 Plastic	
LKN55	53.4 GPH	75 SS/ 75 Plastic	
LKN57	114.3 GPH	45 SS/ 45 Plastic	

## PULSATRON



Mechanically Driven Omni Series

### UP TO 951 GPH, UP TO 150 PSI DIAPHRAGM PUMPS

These economical, compact, simple yet reliable series of pumps by Pulsafeeder are designed for commercial and light industrial installations. Typical applications include the dosing of acids, caustics, polymers, bleaches, solvents, dyes/inks, catalysts, and many more. The Omni Series is available with manual stroke adjustment or the "MPC" controller that accepts a 4-20 milliamp control signal that allows the pump to be controlled remotely and automatically from its maximum flow throughout a 1000:1 turndown range. Motors are available in ODP, TEFC, or XP enclosures, both single phase and three phase input.

Liquid End Construction			
Head	Ball	Seat	Gasket
Polypropylene	Ceramic	PVDF	PTFE
PVDF	Ceramic	PVDF	PTFE
316SS	Ceramic	316SS	PTFE

## PULSATRON



Manual, 4-20MA and Programmable

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

Pulsafeeder manufactures a wide range of solenoid driven diaphragm metering pumps from simple manually adjusted to computer controlled or independently programmable models. Options include: 1000:1 turndown, relay output, 4-20mA and 20-4mA current signals, 115 vac, 230 vac, and pump head construction of Polypro, PVC, PVDF, Teflon®, Hypalon®, Viton®, stainless steel or Alloy C.

Pump Series	Max GPD at PSI	Description
E-Plus E, A-Plus and C-Plus	500 gpd at 20 psi / 40 gpd at 250 psi 44 gpd at 100 psi / 11 gpd at 250 psi	External pacing and 4-20mA control External pacing (except E series)
C Series	30 gpd at 80 psi	Stroke length, optional external pacing
MP Series	500 gpd at 20 psi / 3 gpd at 300 psi	External pacing, and 4-20mA input, 20-4mA variable control input and relay output for computer interface. 1000:1 turndown
Chemtech PP	100 gpd of 60 psi / 30 gpd at 100 psi	Industrial Grade, off-gassing