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UP TO 4080 GPD, UP TO 305 PSI DIAPHRAGM PUMPS

The stroke length is manually adjustable or with an optional MLC controller which includes on-board calibration, operations interface, batch/turndown programming and mechanical overrides. Motor speed is also controllable on the DC SCR driven models. All models come with Teflon® faced, metal-reinforced diaphragms and the choice of PVC, PVDF or 316SS construction. Multiplexed pump arrangements are available with individually adjustable stroke lengths.

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

PULSATRON



Mechanically Driven M Series

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, 115vac, 230vac, 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	500 GPD at 20 PSI or 40 GPD at 250 PSI	External pacing and 4-20mA control
E, A-Plus and C-Plus	44 GPD at 100 PSI or 11 GPD at 250 PSI	External pacing (except E series)
C Series	30 GPD at 80 PSI	Stroke length, optional external pacing
MP Series	500 GPD at 20 PSI or 3 GPD at 300 PSI	External pacing, and 4-20mA input, 20-4mA variable control input and relay output for computer interface

PULSATRON



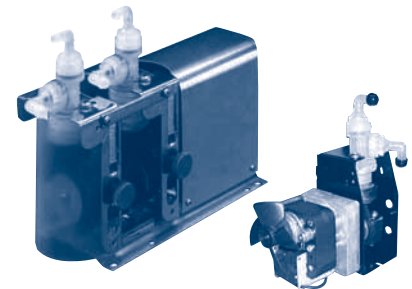
Manual, 4-20MA and Programmable

UP TO 3000 ML/MIN, 50 PSI BELLOWS PUMPS

GRI manufactures bellows metering pumps from compact configurations to stainless steel enclosed multi-headed versions. All models have adjustable strokes, various rpms, EPT, Hypalon® or Viton® elastomers and Polypropylene or Kel-F bellows. The standard and Bel-O-Just® series can handle up to 5,000 centistokes viscosity and fine slurries with standard poppet valves, heavy slurries and fibrous materials with upgraded duckbill valves. Temperatures to 140°F.

Bellows Module Output Per Full Stroke				
1/2"	3/4"	1"	1 1/2"	2"
.5 ml	1.8 ml	5 ml	10.5 ml	18 ml
Pump Series	RPM	Number of Bellows	Max. Flow/Minute	Max PSI
Mini-16200	8, 15 or 24	1	270 ml	6
Mini-16220	8 or 12	2	270 ml	6
Compact - 16000	38, 45.6, 75 or 90	1, 2, 3 or 4	1620 ml	5
Standard	39, 60, 90 or 165	1 to 3	3000 ml	*50
Bel-O-Just	39, 60, 90 or 165	1 to 3	3000 ml	*50

GRI



OEM and LAB Bellows

IWAKI OEM REPLACEMENT BELLOWS PUMPS

The Iwaki bellows metering pumps are available with a wide range of configurations from single to multiple head and custom mounts. Pumps are available in 30, 33, 50, 67 and 135 RPM and have 1", 1 1/2" or 2" diameter bellows. Elastomer options include EPDM and FKM. You will find Iwaki pumps on OEM equipment in the photographic, plating and electronic industries. Custom pumps designed to meet your requirements are available. All models are available in 110, 115 or 230 vac 50/60 hz. Temperatures to 140°F.

Pump Series	RPM	Max PSI	Max Flow	Number of Heads
SP Series	33, 67 or 135	10	2100 ml	1
DP Series	33, 67 or 135	10	2100 ml per Head	2
C Series	30 or 50	5	740 ml per Head	3 to 12
KBA Series	12, 15, 22, 24 or 36	5.7	360 ml per Head	1 to 3
KBR Series	12 or 24	1.4	216 ml	1

IWAKI



Adjustable Bellows