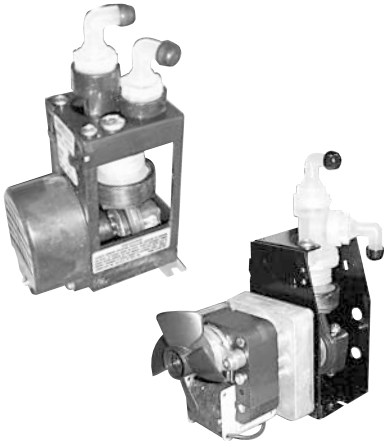


GRI



Mini & Compact Bellows

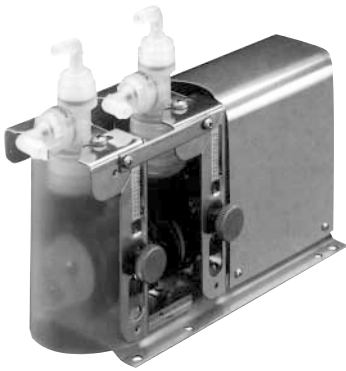
MINI (TO 270 ml/min) & COMPACT (TO 1620 ml/min) BELLOWS PUMPS

These compact pumps were designed for low pressure metering and dosing applications. The Mini series is available with up to two separately adjustable bellows each delivering up to 270 ml/min while the Compact series will handle up to four each delivering up to 1620 ml/min. Both series are available with EPT, Hypalon or Viton elastomers and come standard with polypropylene bellows. All models are available in 115 or 230 vac 50/60 hz. 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 PSI
Mini-16200	8, 15 or 24	1	6
Mini-16220	8 or 12	2	6
Compact - 16000	38, 45.6, 75 or 90	1, 2, 3 or 4	5

GRI



Bel-O-Just Bellows

BEL-O-JUST (TO 3000 ml/min), 50 PSI BELLOWS PUMPS

These high quality bellows metering pumps are available with the optional Bel-O-Just feature that allows stroke adjustment while the pump is operating. The stroke on each bellows module can be adjusted down to 10% (20% on the 1/2" and 3/4" bellows). The maximum viscosity is 5,000 centistokes. Pumps come with up to three individually adjustable bellows modules, however the total flow for any single pump cannot exceed 3000 ml/min. Fine slurries can be handled by their standard poppet valves. Upgraded duckbill valves are available for heavy slurries or fibrous materials. Each pump comes with polypropylene bellows and the choice of EPT, Hypalon or Viton elastomers. All models are available in 115 or 230 vac 50/60 hz. Temperatures to 140° F.

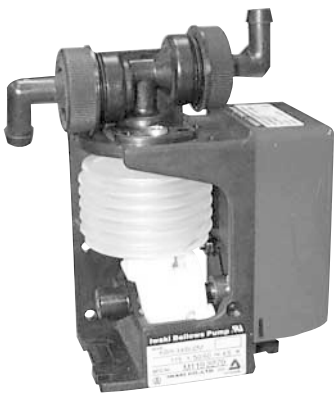
Bellows Module Output and Max PSI Per Full Stroke					
1/2"	3/4"	1"	1 1/2"	2"	2 1/2"
.5 ml/50psi	1.88ml/5psi	5ml/40psi	10.5ml/20psi	18ml/5psi	*55ml/5psi

*27.5ml with Bel-O-Just option

Pump Series	RPM	Number of Heads
Standard	39, 60, 90 or 165	Up to Three
Bel-O-Just	39, 60, 90 or 165	Up to Three

*All bellows sizes are not available in all rpm choices with multiple heads

IWAKI



Adjustable 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