PULSAFEEDER®
An IDEX Water & Wastewater Business

pulsafeeder.com

When you consider performance, reliability and cost of ownership, the PULSAtron Series M is the value leader in its category.

Pulsafeeder continues to lead the way with a tradition of quality. Product contamination and leakage are eliminated by our mechanically actuated diaphragm design. Check valves are easily replaced as a unit to save time. A stroke lock mechanism maintains the accuracy of the stroke setting. The pump mechanism is housed in a greased, sealed housing for virtually “wear-free” operation. The PULSAtron Series M is built to handle a variety of service requirements in industrial power generation, water treatment and pulp and paper applications.

Features

- Pressures to 305 psi (21.0bar), Flows to 76.4 gph (289.0 lph)
- Accuracy +/- 2%
- Motor adapters accept both NEMA and IEC motor frame sizes.
- Enclosure rating: NEMA 4/IP55
- Manual Stroke Length Adjustment with mechanical locking device
- Lubrication: Greased for Life
- Each pump is tested to insure capacity and pressure.

Operating Benefits

- Reliable metering performance.
- Affordable.
- Ease of use and maintenance.

Controls

Detachable Keypad

Turndown of 1000:1

Display in four languages

- English
- Spanish
- French
- German

Displays pump output in units of flow (gph or lph)

Aftermarket

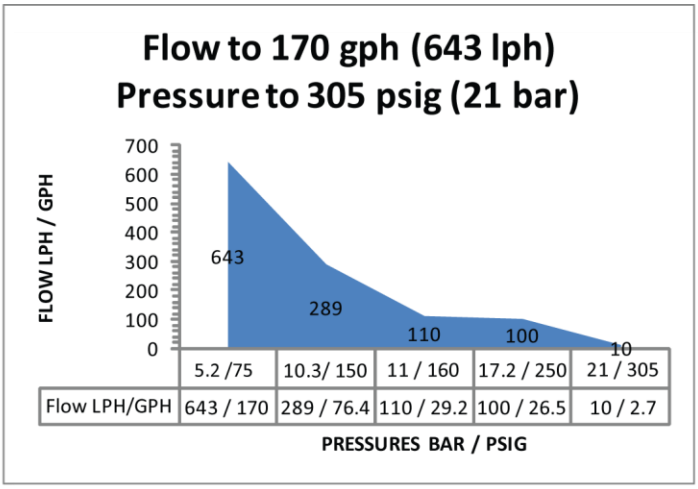
- KOPkits
- Gauges
- Dampeners
- Pressure Relief Valves
- Tanks
- Pre-Engineered Systems
- Process Controllers (PULSAblue, MicroVision)

PULSAtron® Series M Electronic Metering Pumps

PULSAtron® Series M

Specifications and Model Selection

TESTED AND PROVEN LIQUID END MATERIALS			
Wet-end materials include PVC, PVDF and 316SS heads and fittings for best chemical compatibility at pressures up to 305 PSIG (21 bar).			
LIQUID END CONSTRUCTION			
Head	**Ball**	**Seat**	**Gasket**
PVC	Ceramic, Alloy C	PVC	PTFE
PVDF	Alloy C	PVDF	PTFE
316SS	316SS, Alloy C	316SS, 020SS	PTFE



Engineering Data

Materials of Construction:

Housing:	Cast Iron
Diaphragm:	PTFE faced CSPE
Liquid End Options:	PVC PVDF 316SS 16SS
Control Type:	MPC w/ Flow Indicator (NEMA 4X), IP56 MPC less Flow Indicator DLC- Digital Logic Controller DLCM- Motor Speed Controller
Configuration:	Simplex Duplex (Driver) Duplex (Driven) Simplex w/ MPC
Motor Frame Adaptor:	56C 143 TC or 145 TC 71 80 No Gearbox/ Motor Adaptor
Connection Types:	Threaded: NPT or BSPT Flanged: ANSI or DIN Flanges

Important: Material Code - PVC=Polyvinyl Chloride, PE=Polyethylene, PVDF=Polyvinylidene Fluoride, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company.

Engineering Data

Reproducibility:	+/- 2% at maximum capacity
Viscosity Max CPS:	3000 CPS
Stroke Frequency Max SPM:	178
Motor Speed and Voltage:	1725 RPM, 115/230V, 60Hz, 1phase 1425 RPM, 110/220V, 50Hz
Ambient Temperature Range:	0^{O}F to 104^{O}F (-18^{O}C to 40^{O}C)

Tank Systems

Tank Systems

Tank Systems are a rugged line of tanks designed to fit most solution handling needs. All tanks are constructed of high density polyethylene (PE) and come in a variety of sizes. An available stand option provides a Stainless Steel tripod stand with pump mounting shelf for all tank sizes on the Light and Heavy Duty Tanks.

Dimensions

M Series Dimensions (inches)				
	L	H	W	Shipping Weight
Inches	14.5	21.368	9.81	44 Lbs
Centimeters	36.8	54.35	24.92	20 Kgs

NOTE: Inches X 2.54 = cm

1.00 in.