

# PULSATron® Series MP



## Key Features

- **Automatic Control**, 4-20mA and 20-4mA current signals can be ratioed from 100% to 2% of incoming signal.
- **Manual Control** allows for a combined 1000:1 turndown resulting in accurate metering for critical applications.
- **Relay Output** for computer interface or AC power allows for external control.
- **Six-button Touch Pad Control** with internationally recognized symbols for simplified programming.
- **Simple Prompts** in plain language allow for easy-to-understand instructions for programming. **Available in three languages.**
- **Alarm Signals** for signal loss, full count, circuit failure, pulse overflow and pulse rate high. Liquid low level indicator capability is standard.
- **Timed Sequences** can be set for selected intervals and rate for repetitive metering.
- **Pulse Signals** can be multiplied or divided by 1 to 999 allowing for pumps to handle peak requirements.
- **LCD**, 16 character dot matrix backlit multi-lingual display allows for easy reading and user-friendly programming.
- **Extended Two Year Warranty** on electronic circuit board for trouble free service.



## Pressure and Flow Rate Capacity

MODEL	LMK2	LMB2	LMA2	LMD3	LMB3	LMA3	LMK3	LMF4	LMD4	LMB4	LMH4	LMG4	LME4	LMK5	LMH5	LMH6	LMK7	LMH7	LMH8	
Capacity	GPH	0.13	0.21	0.25	0.50	0.50	0.50	0.60	0.85	0.90	1.00	1.70	1.75	1.85	2.50	3.15	5.00	8.00	10.00	21.00
nominal	GPD	3	5	6	12	12	12	14	20	22	24	41	42	44	60	76	120	192	240	504
(max.)	LPH	0.5	0.8	0.9	1.9	1.9	1.9	2.3	3.2	3.4	3.8	6.4	6.6	7.0	9.5	11.9	18.9	30.3	37.9	79.5
Pressure	PSIG	300	250	150	250	150	100	100	250	150	100	250	150	100	150	150	100	50	35	20
(max.)	BAR	21	17	10	17	10	7	7	17	10	7	17	10	7	10	10	7	3.3	2.4	1.3
Connections:	Tubing	1/4" ID X 3/8" OD 3/8" ID X 1/2" OD 3/16" ID X 5/16" OD 1/4" FNPT											3/8" ID X 1/2" OD 1/2" ID X 3/4" OD (LPH8 ONLY)							
	Piping												1/4" FNPT 1/2" FNPT							
Reproducibility at max. capacity		+/- 2%																		
Viscosity Max CPS		For viscosity up to 3000 CPS, select connection size 3, 4, B or C with 316SS ball material. Flow rate will determine connection/ball size. Greater than 3000 CPS require spring loaded ball checks. See Selection Guide for proper connection.																		
Controls		6-Station Membrane Switch																		
Status Display		16-Position LCD Dot Matrix Backlight																		
LED Indicator Lights, Panel Mount		Power On - Green, Pulsing - Green Flashing, Stop - Red																		
Stroke Frequency Max SPM		125																		
External Stroke Frequency Control (Automatic)		4-20 mADC, 20-4 mADC External Pacing																		
Output Relay (Signal Level Option)		24 VDC, 10 mA																		
Output Relay (Power Option)		250 VAC, 50/60 HZ, .5A																		
Stroke Frequency Turn-Down Ratio		100:1																		
Stroke Length Turn-Down Ratio		10:1																		
Power Input		115 VAC/50-60 HZ/1 ph 230 VAC/50-60 HZ/1 ph																		
Average Current Draw @ 115 VAC: Amps		1.0																		
@ 230 VAC: Amps		0.5																		
Peak Input Power Watts		300																		
Average Input Power @ max SPM: Watts		130																		