

## Solenoid Dosing Pump

The unique dosing pump of the MPB series is an effective, accurate and reliable pump for injecting all kinds of chemicals.

The operation of this pump works is that when the electric current is connected, the generated electromagnetic force causes the shaft to be pulled towards itself, and the opposite of this action is done by the built-in spring.

This shaft, which is connected to the diaphragm of the pump, performs the action of suction and release by connecting and disconnecting the electric current.

- Economically affordable.
- Very high efficiency (between 1 and 15 liters per hour).
- Dose control by adjusting the tension and stroke speed of the diaphragm.
- It has a diaphragm resistant to all chemicals such as acids and corrosive substances.

An important feature of the exact dose injected in this series of pumps can be adjusted manually by two parameters, the amount of stretch and the speed of the diaphragm stroke.

### Features

- Compact design  
Position of the pump head at the back, which prevents possible damage to the board and electrical parts of the pump in case of device valve leakage.
- Replacing parts is easy.
- Intelligent display of diaphragm speed stroke in percentage.
- The valves of this pump are designed with two ceramic balls to prevent fluid return, which makes it easy to maintain.
- Multi-layer diaphragm resistant to corrosion and shaft stroke.

Used in various industries :

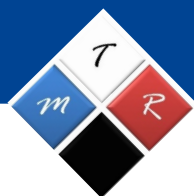
- Purification drinking water: Dosing of disinfectants
- Cooling circuits: dosing of corrosion inhibitors
- Wastewater treatment: Dosing of coagulants
- Paper industry and plastic production: Dosing of additives.

## MPB Series



### Specifications

Flow range	1—15 Liter /Hour	
pressure range	Psi 15-145	
Maximum frequency	120-180	
Diaphragm diameter	34 – 52mm	
power	28W	
Power supply	220v 50/60 Hz or 110v 50/60Hz	
Fitting size	5*8 mm	
Pump material	hose	PE hose for all models
	Diaphragm	PTFE resistant composite
	Pump head	PVC,PVDF,SS304,SS316
	Ball valve	Ceramic, SS304,SS316
	Body pump	PTFE, SS316

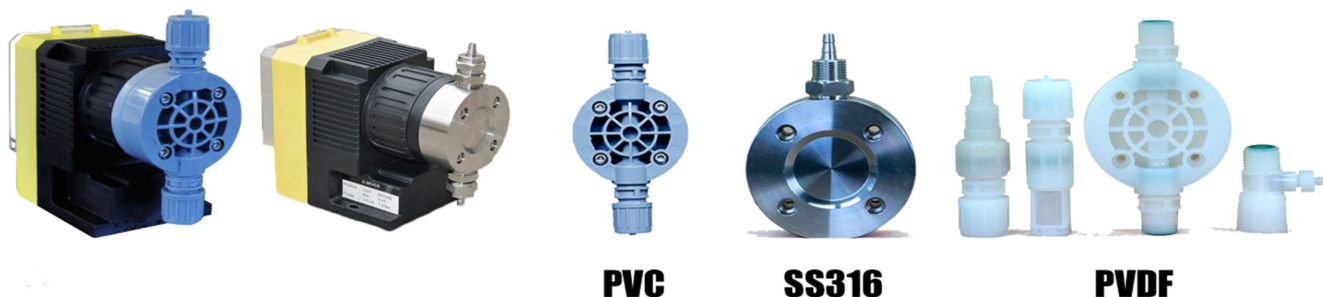


## MPD Series

- Specifications of different MPD series models

Model	60Hz/50Hz					Diameter Diaphragm (mm)	Power KW(HP)	Connection size
	Flow (L/H)	Pressure Bar	Flow (G/H)	Pressure Psi	Maximum Frequency			
MPD 0110	1.0	10	0.3	145	110	34	28W	5*8 mm
MPD 0408	3.8	7.6	1.0	110	130	41		
MPD 0505	5.0	5.0	1.3	73	160			
MPD 0804	7.6	3.5	2	51	170			
MPD 1002	10	2.0	2.6	29	150	52		
MPD 1202	12	1.5	3.2	22	170			
MPD 1501	15	1.0	4.0	15	180			

- Variety of head and fittings



- Different parts of the pump

