



Solenoid Dosing Pump

Solenoid pumps are one of the best choices for metering and dosing purposes.

This diaphragm pump includes an electromagnetic motor that performs suction and discharge by the movement of the diaphragm by disconnecting and connecting the flow.

- Quick and easy installation.
- Easy to use with only 3 buttons.
- High accuracy for the most accurate injection measurement.
- Resistant body to withstand pressure and environmental damage.

A feature of this pump is the location of the head part of the device behind the control part, which minimizes damage to the pump.

It also has a large screen to view the pump activity mode, the amount of flow and the accumulated flow of the pump.

The exact injection dose can be controlled both manually and automatically by changing the speed of the diaphragm movement.

MPS Series



Features

- **Automatic analog input control:** 4-20 mA signal
- **Automatic pulse input control:** plus input with multiplication and division capability.
- **Remote control to start/stop the pump:** The pump can also be connected to the level switch to start/stop the pump automatically
- **Drinking water treatment uses:** (measurement of disinfectants)
- **Cooling circuits:** (measurement of corrosion inhibitors)
- **Wastewater treatment:** (measurement of coagulants)
- **Paper industry and plastic production:** (measurement of additives)

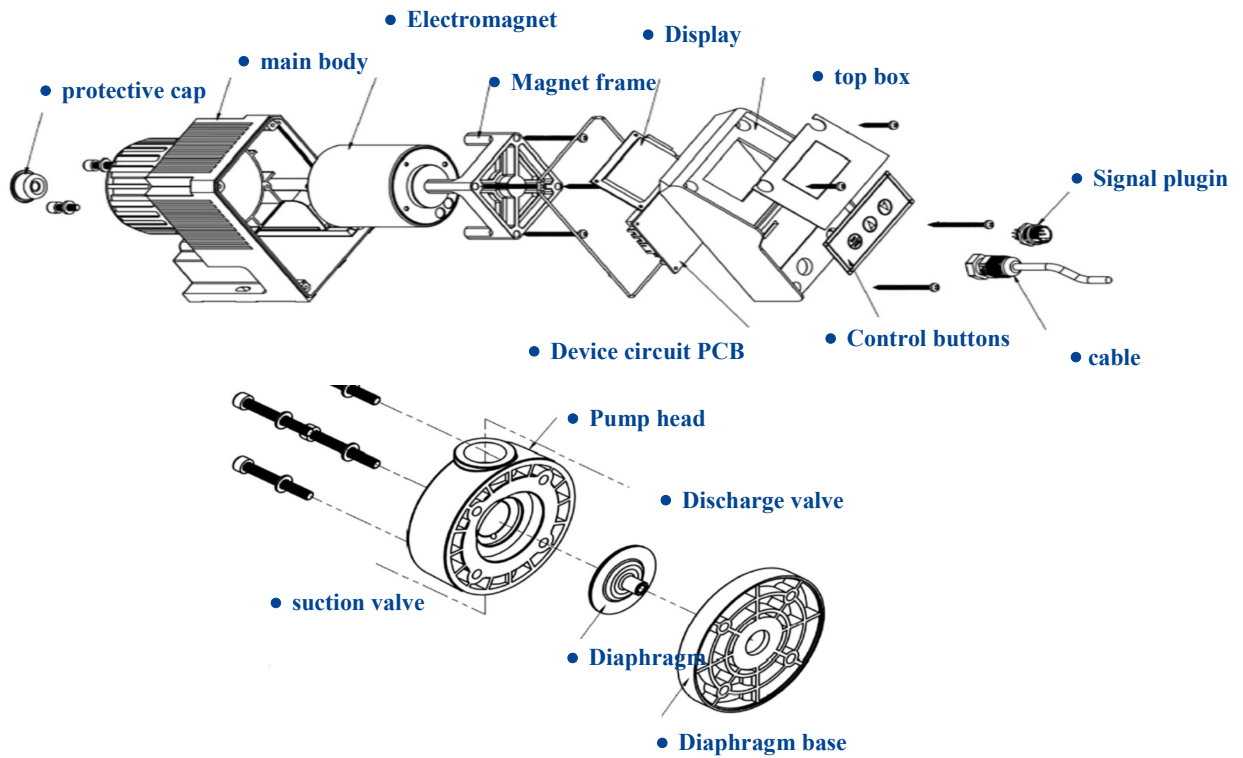
Specifications

Flow range	1-20 Litr/Hour	
Accuracy	In stable ± 2%	
Temperature range	-10° C ~ +45° C	
Maximum pressure	1-10 Bar	
Diaphragm diameter	34 to 52 mm	
Display	LED	
Power	30W	
Power supply	220V 50/60Hz or 110V 50/60 Hz	
Signal control	4-20 mA Signal / Pulse Signal / RS485	
Body material	head material	SS316/PVC/ PVDF
	diaphragm material	PTFE composite



MPS Series

• Different parts of the pump body and head



• Specifications and parameters of each model

Model	60Hz/50Hz					Diameter Diaphragm (mm)	Power KW (HP)	Connection size (mm)
	Flow (L/H)	Pressure Bar	Flow (G/H)	Pressure Psi	Maximum Frequency			
MPS0110	1.0	10	0.3	145	110	34	30 W	5*8 (mm)
MPS0408	3.8	7.6	1.0	110	130	41		
MPS0607	6.3	6.8	1.7	99	160			
MPS0805	8.0	5.0	2.1	73	170			
MPS1204	12	4.0	3.2	58	150	52		
MPS1502	15	2.0	4.0	29	170			
MPS2001	20	1.0	5.3	15	180			

• Input connector and pump user interface



Big screen



User friendly



Signal control input