

## DME/DMS/DMM ACCESSORIES



### INSTALLATION KIT

A basic installation kit consists of a non-return foot valve equipped with a strainer and weight, a spring-loaded non-return injection valve and the requisite tubing.



### INJECTION VALVE

The injection valve is a spring-loaded, non-return valve and comes with injection pipe and either a tubing or pipe connection.



### FOOT VALVE

The foot valve comes with a non-return valve, strainer and a hose or pipe connection.



### MULTIFUNCTION VALVE

This compact valve unit is mounted directly on the pump discharge connection, and it has four functions.

- Constant counter-pressure
- Anti-siphoning
- Protects pump against excessive pressure
- Manual pressure relief of pump and discharge line

Relief pressure: 11 bar

Counter-pressure: 1.5 bar



### RIGID SUCTION LINE

Preassembled, rigid, adjustable-length suction line for mounting in the additive tank. The line consists of a foot valve with strainer, rigid suction pipe, tank connection thread and suction tubing. Also available with dual-level control sensors.



### HOT INJECTION VALVE

Complete hot injection valve kit assembly with shut-off valve, pipe and tubing connection fitting for chemical injection into steam and hot water applications.



### LEVEL CONTROL UNIT

For dosing pumps with level control input. The unit includes level sensors, ceramic weight, cable and plug for connecting to the pump.



### COUNTER-PRESSURE AND RELIEF VALVE

Installed in-line, the valve works as a counter-pressure valve optimising dosing accuracy into systems with fluctuating pressure or as an anti-siphoning valve in non-pressurised systems. Installed in a T-connection, the valve works as a pressure relief valve or a safety valve protecting the pump and discharge line against excessive pressure. The valve is adjustable between 0 and 10 bar.



**ADDITIVE TANK**

Closed PE tank with screw lid, drain hole and bush for suction line. DME and DMS can be mounted directly on top of the tank.



**TUBING**

Tubing in various lengths, diameters and materials is available.



**VALVE ASSEMBLY**

Complete assembly of either:

- counter-pressure valve and relief valve or
- relief and shut-off valve



**HAND-MIXER**

Adjustable-length, manual stamper for mixing chemicals in the additive tank.



**ELECTRIC AGITATOR**

Electric agitators ensure the chemical solution in the tank is mixed well. Single-phase or three-phase motor.



**WATER METER**

In-line water meter with potential-free pulse signal for use in flow-proportional dosing applications.



**PULSATION DAMPENER**

The pulsation dampener can be installed both in the suction and discharge lines to reduce pressure surges, thus ensuring an even flow and optimal dosing precision.



**AUTOMATIC VENTING VALVE**

The valve automatically vents the dosing head when dosing degassing liquids. Venting duration and intervals can be set by means of integrated timers.



**FLOW INDICATOR**

A float in the transparent flow indicator shows whether the pump is dosing. The device is mounted directly in the pump discharge line.



**DOSING MONITOR**

The dosing monitor is designed to monitor the dosing of liquids which may cause gas accumulation in the dosing head, thus stopping the dosing process even if the pump is still operating.



**PRIMING AID**

The priming aid has three functions:

- To facilitate priming
- To prevent gas entering the dosing head from the suction line
- To reduce pressure surges, thus ensuring optimal dosing precision and reduced risk of cavitation



**CABLE AND PLUG**

The cable and plug are used to connect external control devices such as flow meters, control instruments and level sensors with all Grundfos dosing pumps.

