

eOne MF - Maintenance

Regular maintenance will guarantee the preservation of your Etatron eOne.

Routine maintenance, together with a scheduled inspection, ensures long preservation and good functioning of the systems. We therefore recommend you follow our routine maintenance advice and to enter into a programmed service and assistance contract with one of our trusted Technical Support Centres. Check the operation of the pump every 6 months. In the case of intensive use of the metering pump, it is recommended to increase the frequency of checks.

Check that there are no deposit formed in the heads, if so, they can be removed by disassembling the piece and thoroughly washing it with water. For difficult deposits, removal is recommended by immersing it in an aqueous solution of hydrochloric acid, then rinsing the piece thoroughly with water. Regularly check the seals of the check valves, the diaphragm and all the seals, because they can deteriorate over time as part of normal wear and tear.

To replace the diaphragm unscrew the 4 screws, unscrew the diaphragm, replace it together with the o-ring, put everything back in, making sure to tighten the screws in a balanced manner (alternatively tighten crosswise with the prescribed torque.

Regularly check and replace the sealing of the injection valve, because it could be subject to deterioration due to use and as it performs a retainer function it may result in a return of the metered product in the pump.



When removing the metering pump from the plant, exercise caution when removing the pipe from the discharge connection, as additive residue in the pipe may spill out. Even in this case, if the case comes in contact with the additive it must be cleaned.



When the power supply is deactivated the pump may emit one or more pulses, so before you disconnect the tubes make sure that the pump is turned off completely.

eOne MF - Troubleshooting

MECHANICAL FAULTS

Given the robustness of the system, mechanical failures do not occur. Sometimes liquid may leak from a loose connection or nut, or more simply by the rupture of the injection tube. Rarely can leaks be caused by the rupture of the membrane or by the wearing of the membrane seal itself. These components, in this case, must be replaced by removing the four screws on the pump body, refitting these screws, and tightening them uniformly with a maximum torque of 180 to 200 N *cm. Once you have resolved the leak, the pump must be cleaned of any residual additive, which if left to stagnate, could deteriorate the outer shell and the parts next to the electromagnets.

THE METERING PUMP GIVES IMPULSES BUT DOES NOT INJECT ADDITIVE INTO THE PLANT

- Remove the suction and discharge valves, clean them and replace them in the same position. In case you experience a bulging of the seals, check the degree of chemical compatibility with the additive metered by the pump.
- Check the clogging of the bottom filter
- Check the injection valve.

eOne MF - Electrical Faults

NO LED LIT, THE PUMP DOES NOT INJECT.

- Check that the pump is correctly powered (socket and plug) If the pump remains inactive, please contact one of our Customer Service Centres.