

ETATRON

AMERICA

eOne Basic - Maintenance

Regular maintenance will guarantee the preservation of your Etatron eOne.

- Be sure to check your pump at least every 6 months. In cases of intensive use of the metering pump, you should check your pump more often.
- Check inside the pump head for the presence of deposits, in this case they can be removed by disassembling the piece and washing it with water. If the deposits are difficult to remove, it is recommended to dip the part in an aqueous solution of hydrochloric acid, then rinse it with water.
- Check the seals of valves, diaphragm and any other seals regularly, because as part of normal wear and tear they may be subject to deterioration.
- To replace the membrane remove the 4 screws, unscrew the membrane and replace the o-ring, reassemble all pieces making sure to tighten the screws in a star pattern.
- Check and replace the sealing of the injection valve as it may be subject to deterioration due to wear and serving as a check valve in the pump may cause a return of the product dosed.



When removing the pump from the plant, carefully remove the tube from the discharge nipple, as it could leak out the additive from the tube. Again, if the casing is 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 Basic - Troubleshooting

Mechanical Faults

Occasionally there may be leaking from the nipple, in most cases, either the tube nut has loosened, or the discharge tubing has broken. Very rarely there may be leaking caused by the breakage of the membrane, or by the membrane seals, in which case they have to be replaced by disassembling the four screws of the pump head, when re-mounting the pump head ensure that the screws are replaced properly, along with the o-ring. After repairing, the metering pump will need to be cleaned of additive residues which can damage the pump casing.

The metering pump gives pulses, but is not injecting

Dismount the suction and discharge valves, clean them and replace. If the valves are swollen, check the material of the valves against our chemical resistance compatibility chart and fit the correct valves.

- Check the clogging status of the foot filter.
- Check the injection valve.

eOne Basic - Electrical Faults

Check power supply (socket, plug, power switch ON), if the pump doesn't work contact Etatron America at 800-451-6628.