

ETATRON AMERICA

PKX - Maintenance

Regular maintenance will guarantee the preservation of your Etatron PKX.

Occasionally there may be loss of liquid from the nipple because the tube nut has loosened, or the discharge tubing is broken. Very rarely there may be loss 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 o-ring. After repair, the metering pump will need to be cleaned of additive residues which can damage the pump casing.



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.

PKX - Troubleshooting

THE METERING PUMP GIVES PULSES BUT THE ADDITIVE IS NOT INJECTED

- Dismount the suction and discharge valves, clean them and replace. Check the valves, if they are swollen, check the material of the valves against our chemical resistance compatibility chart and fit the correct valves. Standard valves are Viton. Upon request ball check valves, can be supplied.
- Check the filter for clogging.

PKX - Electrical Faults

- **ALL LEDS OFF, THE PUMP DOES NOT PULSE**

Check power supply (socket, plug, power switch ON), if the pump doesn't work contact manufacturer Customer Service, Dealer or Distributor.

- **GREEN LED (POWER) ON, RED LED (PULSE) OFF, THE PUMP DOES NOT PULSE**

Check the flow rate adjustment knob (4), turning it to max flow rate. If the pump doesn't work contact manufacturer Customer Service, Dealer or Distributor.

- **PUMP PULSES ARE NOT CONSTANT**

Check that supply voltage is within +/- 10% of rated voltage.

- **THE DOSING PUMP GIVES ONLY ONE PULSE**

Disconnect the equipment and contact manufacturer Customer Service, Dealer or Distributor.