

L5000Plus

Preventative Service Guide



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Safety

These symbols on or inside the unit mean:



Use caution to avoid personal injury or damage to equipment.



Caution! Risk of electrical shock.



Always wear the required Personal Protective Equipment (including gloves and goggles that must be worn when potentially exposed to any hazardous materials and when carrying out hazardous work tasks). Turn the dispenser off during cleaning and note that parts may be contaminated with product. If possible, flush tubing out with water prior to carrying out any maintenance. For information on products that are used in this dispenser, please carefully read the product label and Material Safety Data Sheet (MSDS).



Disconnect all power to this unit before servicing. Electrical installation of this dispenser should only be performed by trained personnel in accordance with local electrical wiring regulations. Before working on this dispenser, isolate it from any electrical source and lock out/tag out.

Routine Service

The unit should be examined for leaks or split tubing at every opportunity. The pump head should also be checked to ensure that it is correctly fastened to the motor gearbox and none fixing pins are loose.

The external enclosure should be wiped with a damp cloth on a regular basis to ensure a satisfactory appearance.

Cleaning Pump Box

Other than occasional wiping of external surfaces with a dry cloth, no cleaning of equipment is required.

Peristaltic Tube

Pump motor and Tube Replacement Schedule



Switch the L5000Plus power off at the pump box to ensure trigger signals do not initiate dosing during maintenance.

Because every installation is different, an exact tube replacement schedule is difficult to specify. With use, the tube slowly goes from round to oval, and the amount of chemical pumped decreases. By regularly checking the amount of chemical pumped, you can determine general tube life. We recommend that you closely monitor the time it takes the original tube to reach the end of its flex life, and then establish a replacement schedule. Once the flow rate goes down to 50% of its original flow rate, it has reached the end of its flex life and should be replaced. Replacing tubes at regularly scheduled intervals ensures more accurate product use and reduces service calls. In general, using short, large-diameter feed lines will improve pump tube life and tubes will last over a year with optimal hydraulic and chemical conditions.

Refer to the **L5000Plus Reference Guide** for instructions on how to replace pump parts.



It is very important not to let the tubes wear to the point where they tear and allow chemicals to leak.



To protect against pressurized chemical spray, wrap a rag around tube connections when replacing tubes.



We recommend that personal protective equipment (such as safety glasses, gloves, face shield and apron) be worn during servicing.



Before servicing, be aware of potential static head pressure and the possibility of chemical exposure from the manifold.



Other than occasional wiping of external surfaces with a dry cloth, no cleaning of equipment is required.



Switch the dispenser's power off at the pump box to ensure trigger signals do not initiate dosing during maintenance.

Replacing Pump Cartridges, Tubing and Motors

Note that each product has different delivery line configurations and squeeze tubes. Refer to the **L5000Plus Spare Parts Catalogue** for the available tubing sizes. Refer to the **Specifications** in the **L5000Plus Installation and Setup Guide** for tubing materials.



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