1.3 pH adjuster compatibility for tubing[3]

	Peristaltic tubing (PharMed BPT)	pH Tubing (PTFE)	Nutrient tubing (LDPE)
Nitric Acid	<35%	Concentrated	<10%
Phosphoric Acid	<85%	Concentrated	<40%
Sulfuric Acid	<30%	Concentrated	<50%
Citric Acid	<20%	Concentrated	<10%
Potassium Hydroxide	Concentrated	Concentrated	Concentrated
Potassium Carbonate	Concentrated	Concentrated	Concentrated
Potassium Silicate	Unknown	Concentrated	Concentrated

[3] The chemical concentrations stated in the above table are just a guide. Variations in temperature, pressure, or UV exposure may cause tubing failure which could lead to serious injury if proper safety precautions are not followed. For this reason it is recommended that the tubing be tested by the user with the desired chemical in the specific application to determine ultimate suitability before using them. No warranty (neither express or implied) is given that the information in these tables is accurate or complete or that any material is suitable for any purpose.

6 MONTH

guarantee.

The Bluelab® Peripod™ Replacement Peristaltic Pump comes with a 6 month limited written guarantee. Proof of purchase required.

connect.

If you need assistance or technical advice - we're here to help you.

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Online: facebook.com/bluelabofficial

Manuals: bluelab.com

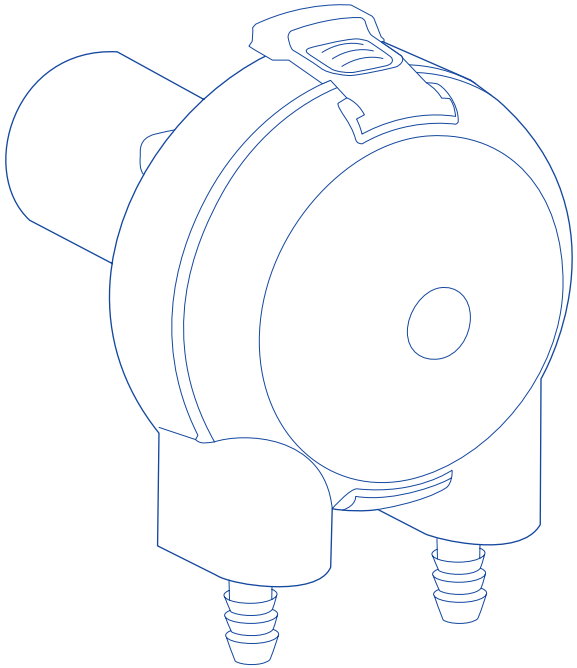
location.

Bluelab® Corporation Limited
8 Whiore Avenue, Tauriko Business Estate
Tauranga 3110, New Zealand

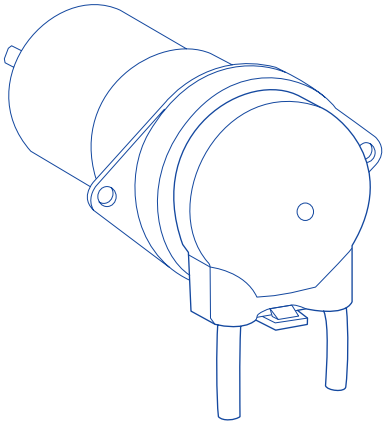
Instruction Manual English PERIPUMP_V02_120221

Bluelab peripod

Replacing the Peristaltic Pump.



Bluelab® Peristaltic Pump L



Bluelab® Peristaltic Pump M

CE FC

6 MONTH

English

1.1 Overview

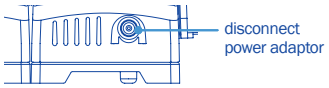
- Peristaltic pump tubing has a finite life and should be replaced periodically to maintain stable performance.
- Flush pumps and tubing with water when product is going to be unused for more than one month.
- After storage for long periods, initial set up procedures should be carried out when re-installed.
- If you notice any sudden or significant changes in flow rate, see the troubleshooting guide in section 5.3 of the Bluelab® Peripod™ Manual, and check for signs of damage or wear.
- Bluelab does not recommend the use of highly concentrated acid or alkaline with this product as it is likely to damage the pump tubing. See.1.3 for maximum recommended concentration of commonly used acid and alkaline for tubing[3].

WARNING

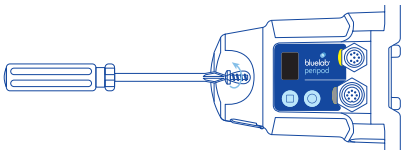
Always flush tubing and pumps with clean water BEFORE performing any maintenance on pumps or tubing. This ensures that all dangerous chemicals are flushed out of the tubing and pump, reducing accidental harm or injury.

1.2 Replacing the peristaltic pump

BEFORE changing pump motors - disconnect power from the Bluelab® Peripod™ and remove dosing tubes from the peristaltic pump.

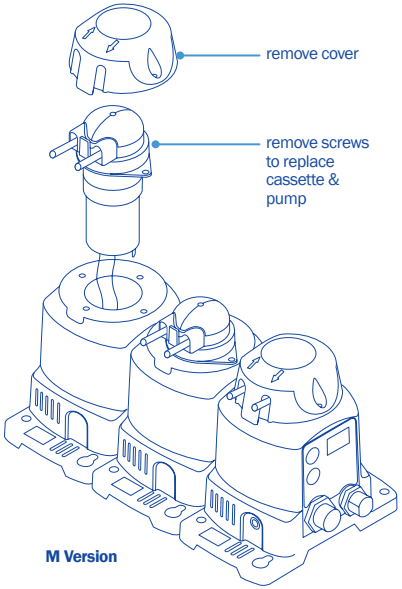


1. Remove screws from each side of pump cover using a Phillips head screwdriver. (**M Versions**: 2 screws, **L Versions:** 4 screws.)



2. Remove transparent cover.

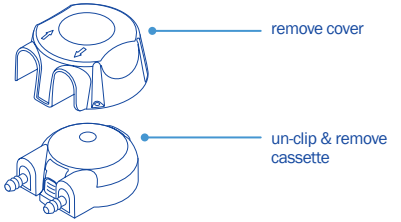
3. **For L Versions:** Un-clip and remove the cassette, then remove four screws from casing.



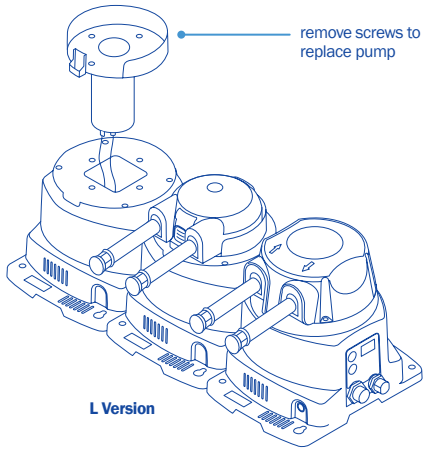
M Version

1.2 Replacing the peristaltic pump continued

4. Remove pump by gently lifting unit out. Be careful not to stress power cable (black/red leads). Unplug cable from connector at back of motor.

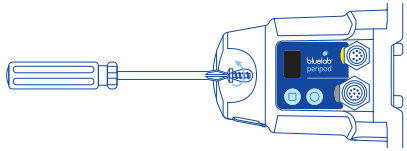


5. Connect plug to connector on new motor. Ensure plug fully inserted into socket. It will only fit one way.

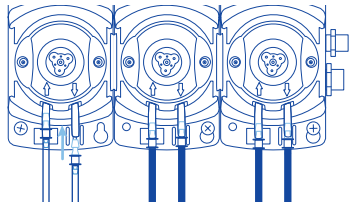


L Version

6. **M Versions:** Replace pump into case. **L Versions:** Replace pump into case. Screw pump to case. Clip cassette back onto pump.

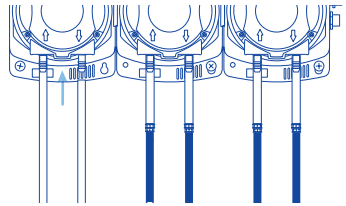


7. Replace the cover and screws, then reconnect dosing tubes.



M Version

8. Connect power. Test pump operation, prime pump and tubes then calibrate the unit.



L Version