

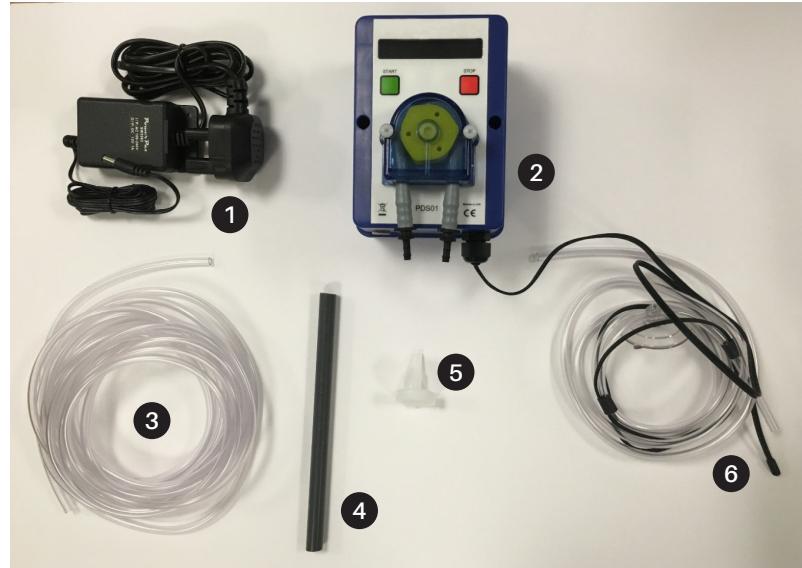
OPERATING MANUAL & USER GUIDE

PureChannel™ Flush Touchless Auto Dispenser



FITTING GUIDE

1. Low voltage mains power supply
2. Main dispenser pump unit
3. PVC Flex Tubing for detergent bottle
Cut to size and push the tubing onto the black tube connector (B)
4. Tube stiffener
Slide the tube stiffener over the end of the tubing at the bottle end
5. Support & Filter
Secure the tube stiffener with the Support.
Tip: If the detergent bottle has a lid. Make a hole in the lid approximately 10mm wide and slide the lid over the tubing before the stiffener and support.
6. Sink dosing tubing with thermometer lead attached
Cut the dosing tube to the required length taking care not to cut the black thermometer wire. Once you have the desired length of dosing tube.
Loosen the black nut under the unit (BN) and gentle push the spare black wire inside. Once the black wire is equal in length to the dosing tubing, tighten the black nut. Push the dosing tube onto the black tube connector (S).



INSTALLATION GUIDE

1. Pre-screw the thicker pegboard screws into the center drilled hole and bottom hole on the back panel of the pump. Align the pump to where you would like it installed on your pegboard. Secure the screws in place with the ends.
2. Place the top control panel on the back panel. Using the longer, thinner screws in the hardware panel, pictured below. Screw the top control panel and back panel together.
3. Seal the holes on the side of the top control panels with the blue seals found in the hardware bag, pictured right.



SETTING GUIDE: (Shown with the unit as supplied)

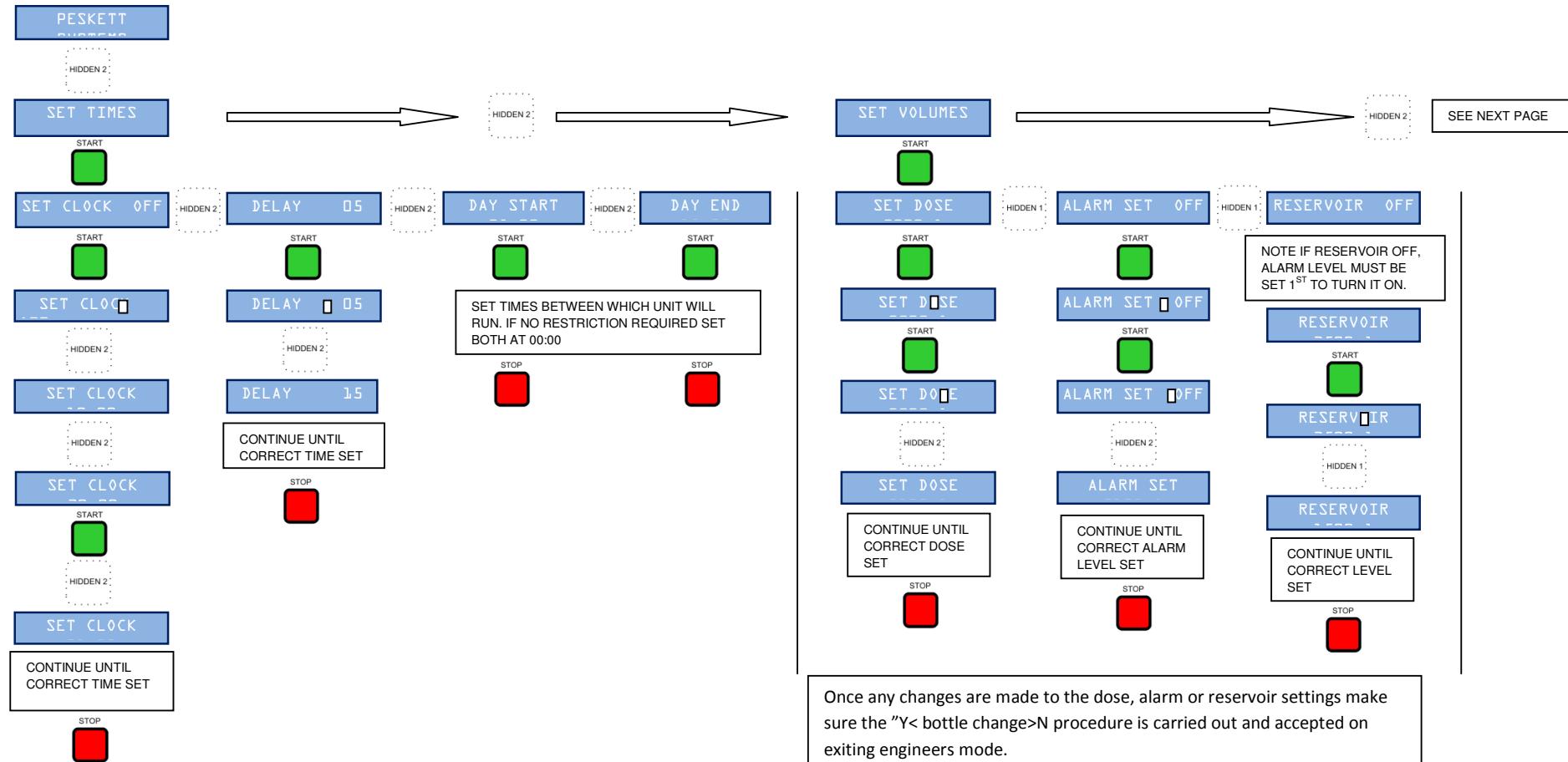
Controls in general are:  START  STOP

 Actions or accepts and moves to the next field in the window.  Decreases or moves backward in the menu.

 Increases or moves forward in the menu.  Aborts run or moves back up menu. Displayed items will be saved on exiting.

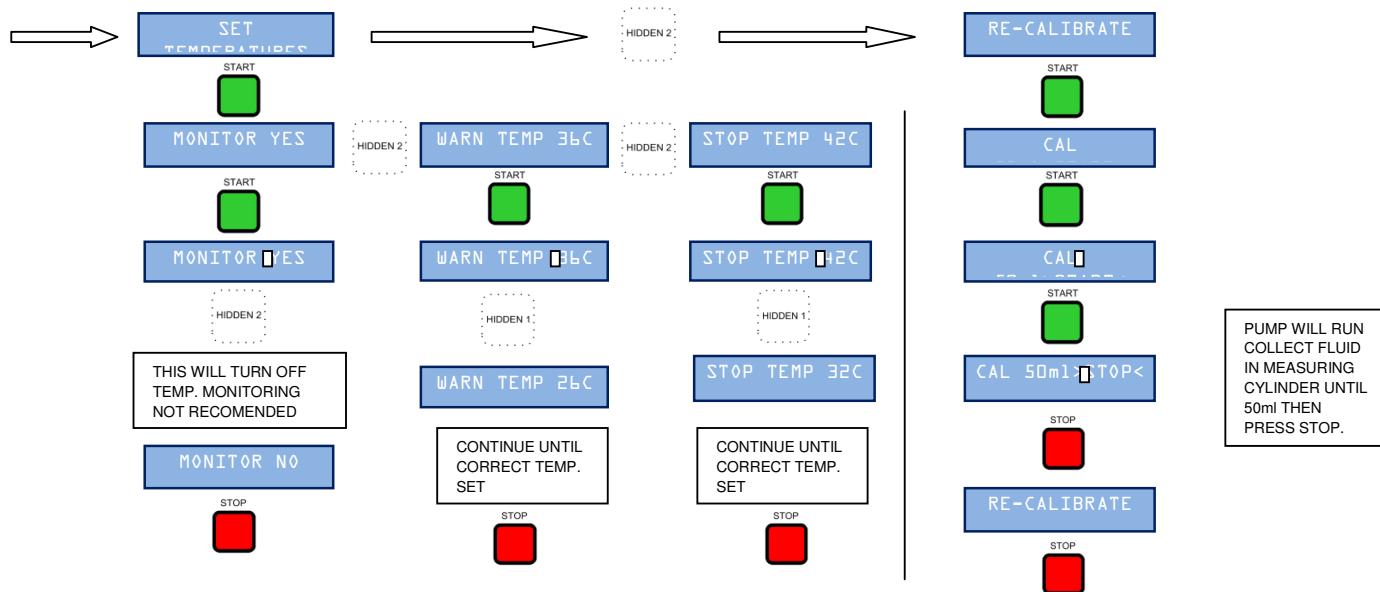
On power up Display will show **PESKETT** momentarily then the version number then a blinking dot along with the temperature **.** this indicates the unit is ready to function.

To enter engineers set up mode press both hidden buttons together. Display will show:



TO EXIT ENGINEERS MODE PRESS STOP BUTTON REPEATEDLY.

 SIGNIFIES FLASHING CURSER.



TO EXIT ENGINEERS MODE PRESS STOP BUTTON REPEATEDLY.

SIGNIFIES FLASHING CURSOR.

NB: Prior to installation, remove all packaging.

Important Safety Precautions:

Please read the following precautions carefully before using this equipment.

- Do not mount the unit to unstable, irregular or non-vertical surfaces.
- Do not place heavy objects on top of the unit.
- Do not attempt to place items (such as screwdrivers) into the moving parts of the pump head.
- Do not power the unit outside of the values stated on the rating label.
- Do not use damaged or frayed cables.
- Do not dismantle or modify this equipment.
- Only use power supply provided.

• Always ensure that care is taken when handling chemicals.

• Always take care to avoid kinking of suction or delivery tubes.

• Do not dead head the pump or pump against pressures in excess of 1 bar.

CAUTION: it is the responsibility of the user to ensure that the peristaltic tubes are compatible with the pumped fluids.

The peristaltic pump is fitted with a silicone tube and is designed to pull water or water based chemicals from a drum or vessel located below the pump (max lift 3 metres) The pump will pump up to 10 metres vertical on the discharge side. It is recommended that a check valve be fitted after the pump for high vertical runs to prevent flow back.

Installation:-

* Using parts provided fix pump box to a wall or a plate.

* Using parts provided fix power supply unit to a wall or a plate.

* Plug jack plug into socket on pump and plug into mains supply (100-240VAC 1 50/60Hz).

* Turn on mains supply.

The unit is supplied set up in basic configuration. For applications where the mains supply is likely to be turned off regularly we suggest the unit is left as is. The back up battery is non rechargeable and intended to cover momentary power outages only. If the power is turned off for any significant amount of time and the back up battery is discharged the time and reservoir functions if set will need to be reset. To enable time, working window & liquid level monitoring please see relevant section of this guide. The working window (day start, day end) setting will stop the unit being able to dose outside of these times. The liquid level monitoring if enabled is intended as a guide, the unit will sum the doses delivered and compare against the reservoir size and will warn of low level when the amount dispensed reaches the alarm level set. Temperature monitoring is enabled as standard, it can be switched off but this is not recommended.

The unit should be calibrated before use.

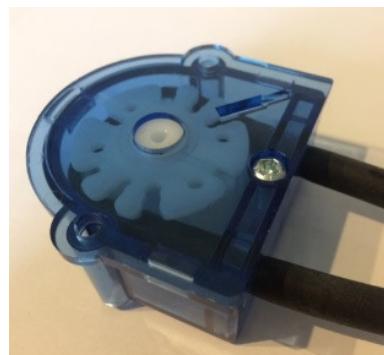
The pre-calibration result can be a variable of +/- 10% from the required dilution rate.

CHANGING THE PUMP HEAD

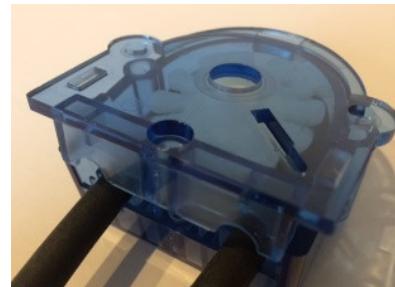
1. Remove the pump head from the motor by removing the 2 mounting screws. Retain the rubber washers that sit between the pump head and mounting bracket.



2. Remove the front screw.



3. Carefully open the pump head from the base and remove the back plate.



4. Squeeze tubes together and lift out rotor. Rotate the rotor complete with tube so the other drive size is towards you.



5. Insert the tongue of the back plate into the slot of the cover and close the pump head locating the tubes in the 1/2 round sections of the cover and back plate.



6. Replace the self-tapping screw here & tighten carefully.



7. To refit the pump head first carefully locate "D" on motor shaft into the "D" in the rotor. Rotate pump head until mounting holes line up with holes in bracket. Remove pump & place mounting screws through pump head. Fit rubber washer on screw threads so that they will end up between pump head & bracket. Refit pump head and do up screws carefully. Screws must tightened sufficiently to partially compress rubber washer not completely flatten them.

CARE AND CLEANING

Cleaning the Housing

To clean the dispenser, use a simple, mild diluted detergent or intermediate level disinfectant. When using diluted detergent, use a disposable cloth to wipe down the unit. Rinse the cloth with water and wipe off remaining detergent. You can dry the unit using a soft, non-linting towel.

Do not use bleach or abrasive cleaners. Spec Clean™ Ready-to-Use Surface Disinfectant/Cleaner is a great option.

Cleaning the Tubing

When a build-up of detergent residue is present in the dosing pump's tubing and pump head, it is recommend to run warm water through the tubing using an empty detergent bottle for the warm water.

WARRANTY

The PureChannel Flush Touch-less Dosing Pump is warranted, when new, to be free of defects in material and workmanship and to perform in accordance with the manufacturer's specifications when subject to normal use service for a period of 90 days from the date of purchase. Pure Processing, LLC at its option, will either repair or replace any components found to be defective or at variance from manufacturer's specifications within this time at no cost to the purchaser. It shall be the purchaser's responsibility to return the device directly to Pure Processing after receiving a Returned Material Authorization Number from Pure Processing's Customer Service Department. Prior to returning the device, it shall be the purchaser's responsibility to clean and disinfect the device and to package it in a manner that minimizes the possibility of shipping damage.