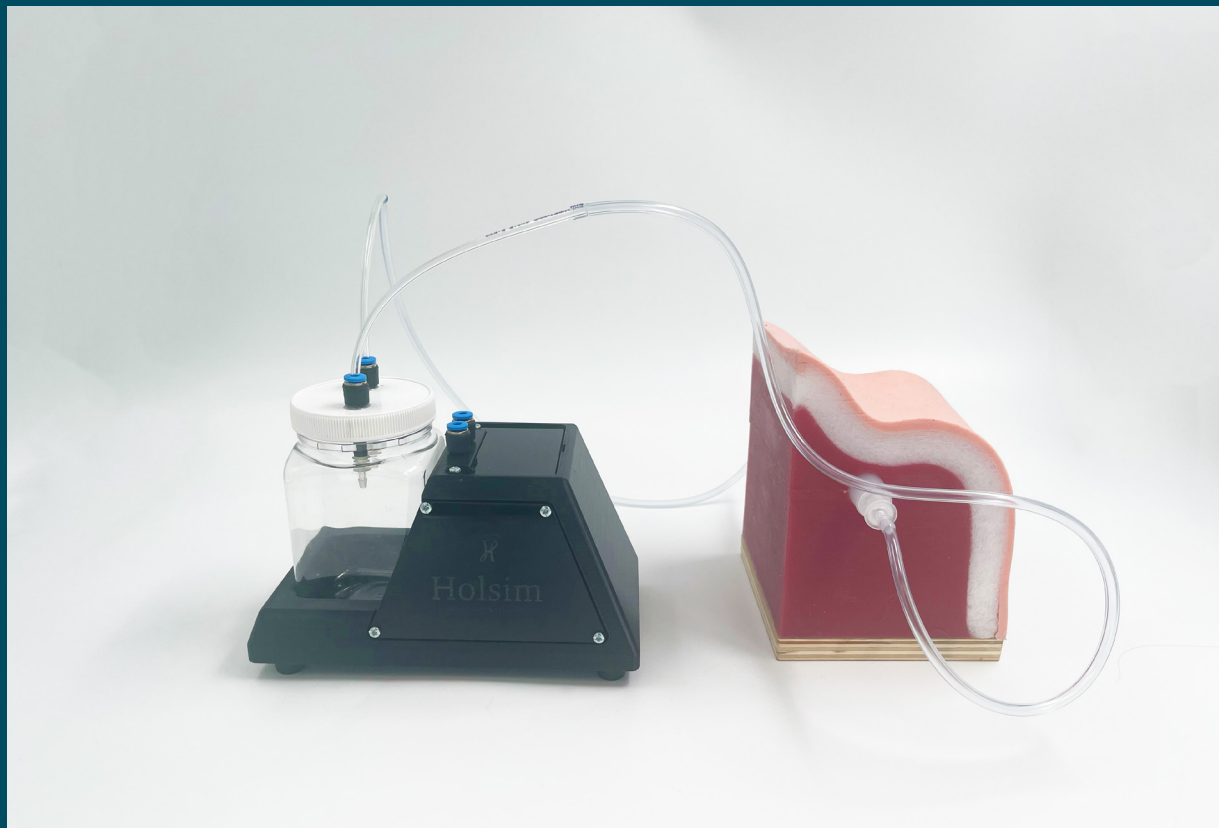


USER MANUAL



Set up and demonstration of the Porcine
Jugular Blood Sampling Desk top



Porcine Jugular Blood Sampling – Desk Top

Revision A: Porcine Jugular Blood Sampling - Desk Top	Product SKU: P600-000	Last Updated: 25 September 2023
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Parts List

Equipment Required:

- Interlocking Porcine Model (preferably)
- Desk or Table
- Appropriate needle for blood sampling
- We recommend using q 19-21 gauge needle that is 3.5" long
- Holsim Blood Pump
- Holsim Artificial Blood

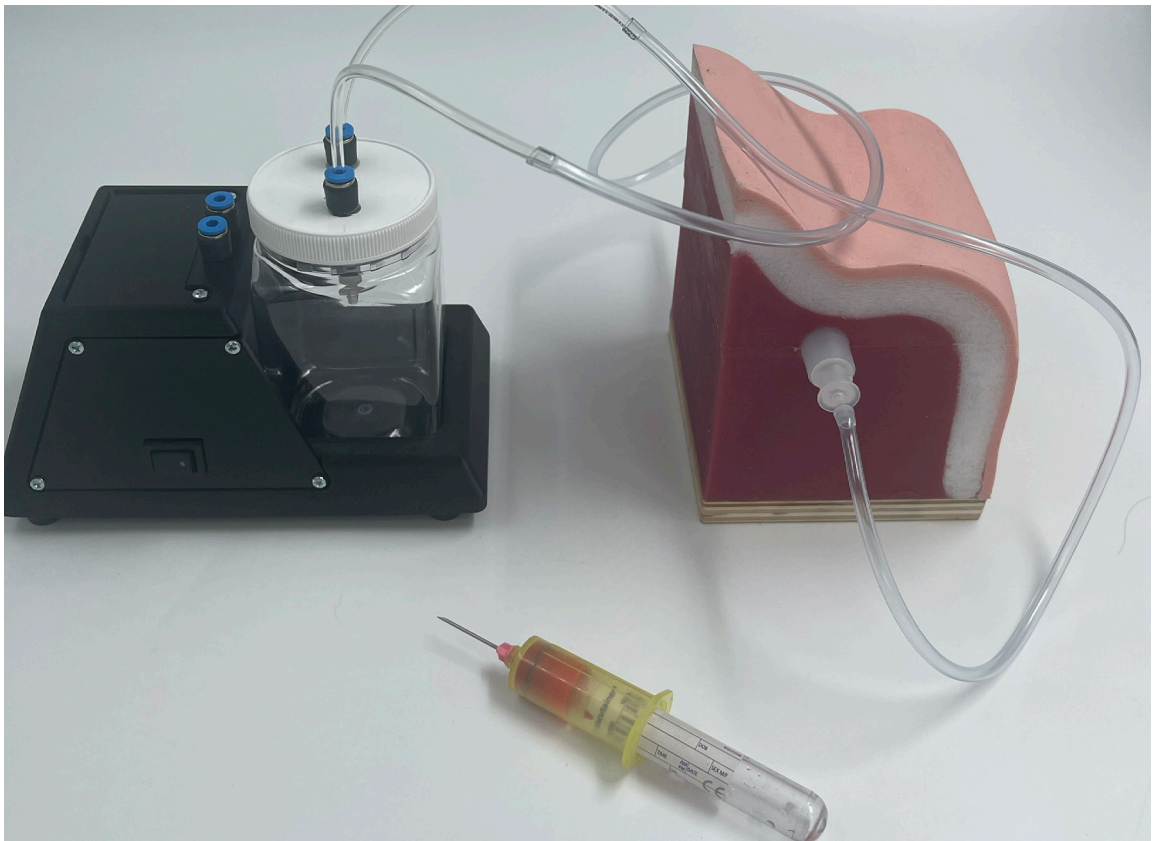
You will need:

- Jugular block with connectors
- knurl screw
- Holsim Blood pump

For all other parts or repairs please contact Holsim through our website www.holsim.co.nz

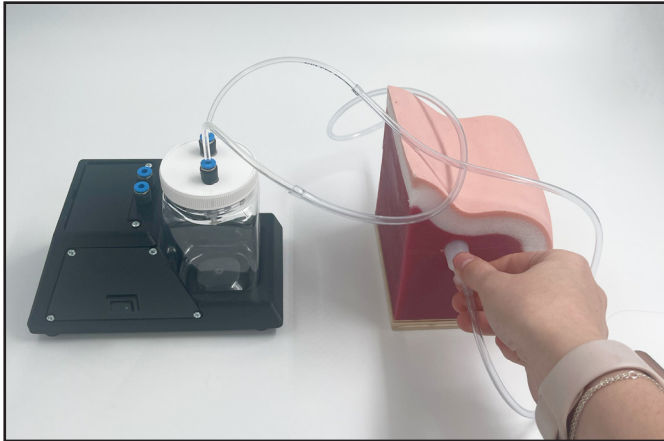


The Parts





The Process



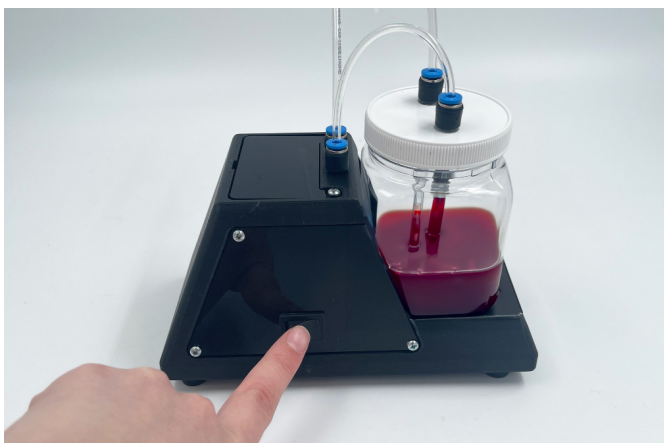
1 Connect Blood pump

- Connect the blood pump tubing to each end of the jugular vein connectors.
- Ensure tubing is pushed on tightly



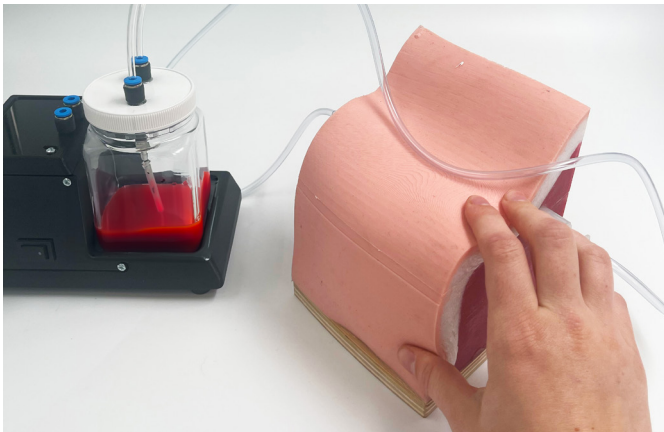
2 Set up the blood pump

- Unscrew the lid and pour the Holsim artificial blood into the Holsim blood pump jar with tubing.
- Replace lid tighten



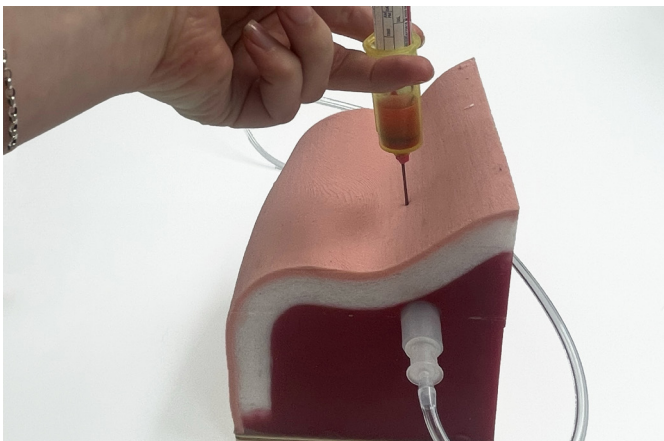
3 Switch pump on

- Switch the blood pump on
- The blood should slowly pulse through the tubing into the jugular vein and back round into the jar.



4 Palpate the vein

- Palpate the jugular vein by finding the hollow groove in the neck. This is where the jugular vein runs.
- It should feel nice and soft.

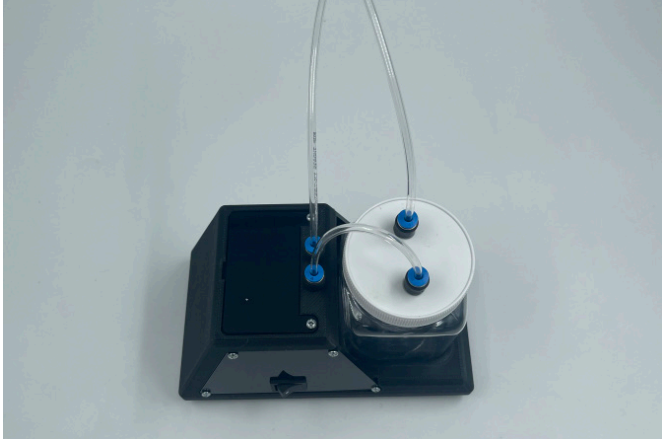


5 Insert the needle

- The needle should be inserted perpendicular to the skin at the deepest point of the jugular groove.



The Clean Up



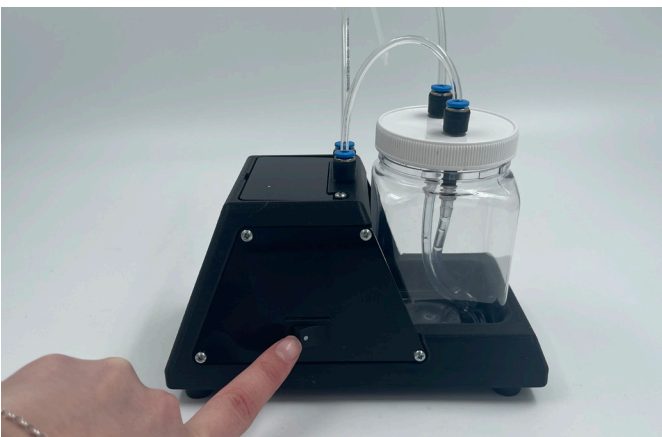
5 Undo jar lid

- Once the blood sample has been obtained undo the jar lid with the pump connectors on it and hold the tubes above the blood in the jar.



6 Drain tubing

- With the jar tubing out of the blood, the pump will pulse the remaining blood in the tubes into the jar, without sucking any more blood up.



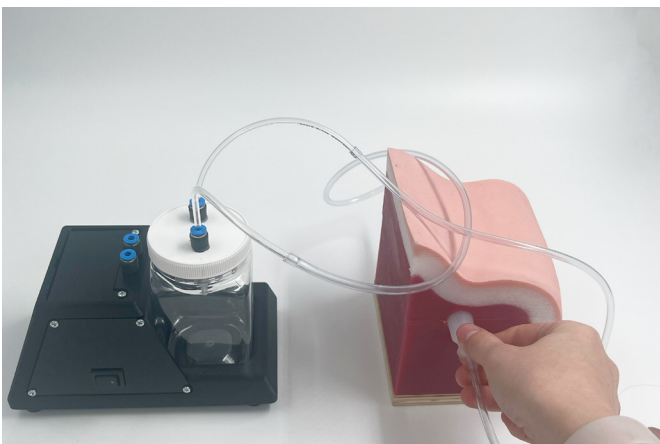
7 Turn pump off

- Once all the blood has been drained from the tubing, switch the pump off



8 Flush tubing with water

- It is best to flush the tubing out with water to have them clean before storing the pump.
- You can do this by replacing the jar of blood with one of water. Turn the pump on to flush the tubing vein.



9 Disconnect pump

- Once clean, turn the pump off
- Disconnect the blood pump tubing from the jugular vein connectors.



10 Remove jugular and stone

- Wipe any blood from the surface of the skin and allow tubing to dry.
- Store jugular block and blood pump in a airtight container.



Holsim

34D Somerset Street,  07 839 5018
Hamilton, New Zealand  info@holsim.co.nz