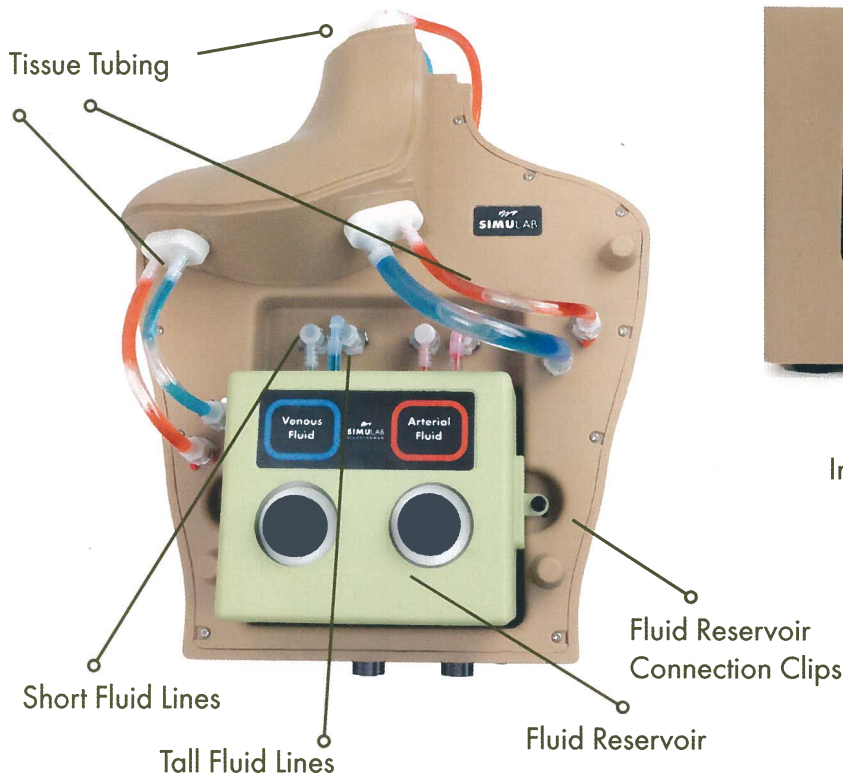
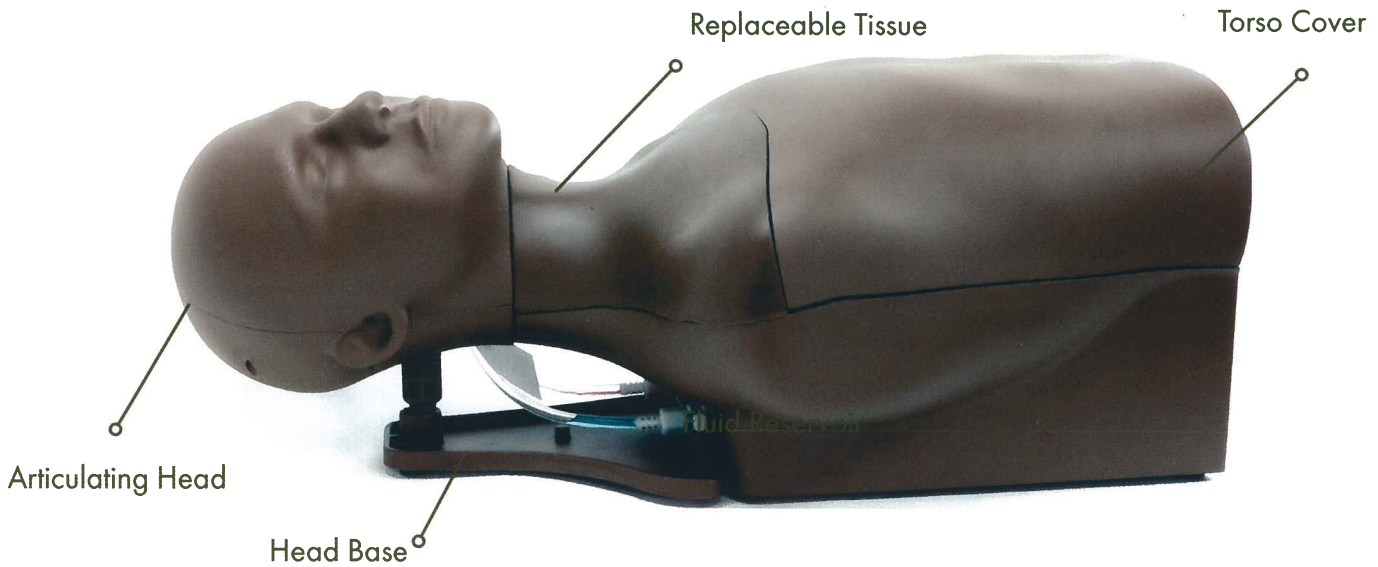


CentralineMan^{Pro}

Welcome to your new CentralineMan Pro System. This quick start guide will provide you the instruction to get your trainer up and running. Contact us at info@simulab.com with any questions!

System Components

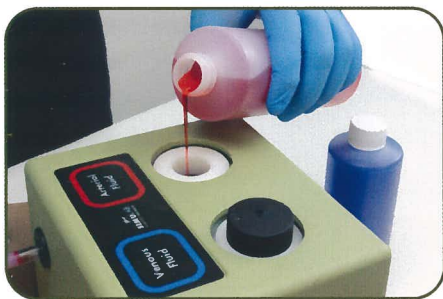


1. Install Tissue

- » With the head and torso cover set aside, place the ultrasound compatible tissue on the body form base
- » The tissue includes 6 fluid line connectors. Simply snap the fluid line connectors to their corresponding connection on the body form at the base of the head, and in the torso.

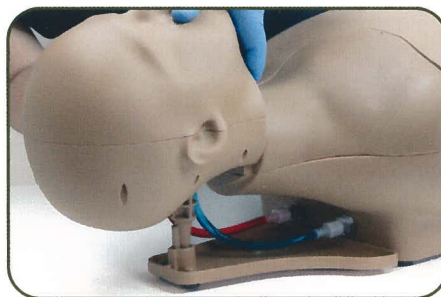


2. Fill Fluids



- » Your system and any new replaceable tissue will come with a bottle of red arterial fluid, and blue venous fluid.
- » Simply remove the cap on the fluid tank, and pour in the corresponding fluid.
- » If the tank is empty, the bottle will fill the reservoir. If you are topping off, fill without overflowing.
- » Directions for draining the fluid from the tank and the tissue are on the back page of this guide.

3. Attach Head



- » The head panel sits below the shoulders and slips easily into the notches on the body form for stability
- » Once the head panel is properly installed, simply slide the head over the tissue tubing and rest the post in the head panel.
- » Once the articulating head is in place, you can adjust head position to suit your training needs.

4. Connect Power



- » The CentralLineMan Pro System can be powered through a battery for untethered training, or with wall power.
- » Both power options plug into the same power port on the control panel.

TURN ON SYSTEM POWER

5. Prime Tissue and Fluid System



Once the tissue is installed, the fluid reservoir is full, head and torso cover are placed on the system, power is connected, and the indicator light is blinking green, your system is ready to be primed!

TO PRIME & FILL :

PRESS THE NEW STUDENT BUTTON

This will start a fluid cycle and fill the tissue. When starting with an empty tissue, it is recommended to run the cycle 2x.

The control panel provides all the tools to prime the fluid system, remove air bubbles from the tissue, control the venous pressure, and adjust the BPM while training.

6. Understanding the Control Panel

NEW STUDENT BUTTON:

FILL THE SYSTEM

- » Press the **New Student Button** at the start of each training. This will fill the tissue and remove any air bubbles in the procedural zone.
- » We recommend running this cycle 2x when a fresh tissue is installed to ensure it is properly filled.

RECALIBRATE BETWEEN STUDENTS

- » Press the **New Student Button** between each student to remove any air bubbles in the procedural zone, and ensure the integrity of the ultrasound imaging

MAINTENANCE MODE: *Drain Tissue*

- » Press and Hold the **New Student Button** to initiate **Maintenance Mode**. This will allow you to drain the both venous and arterial fluids from the tissue. See back page for extended drain instructions

BPM DIAL:

AUTOMATICALLY ADJUST PULSE RATE

- » Adjust the **BPM Dial** to change the pulse rate of the venous fluid. The pulse will change automatically with the turn of the dial and stay at your preferred rate, up to 120bpm.

VENOUS PRESSURE DIAL:

AUTOMATICALLY ADJUST VENOUS PRESSURE

- » The pressure in the vein can be manually adjusted with the venous pressure dial
- » Turn dial to the left to find the pressure setting you want, and **PRESS SET PRESSURE BUTTON**
- » Turn the dial to the left to release the pressure in the vessel

SET PRESSURE BUTTON:

ACTIVATE PRESSURE REGULATION

- » Once you have found a pressure setting you desire on the dial, **Press the Set Pressure Button**
- » The set pressure button is required to retain the pressure setting you have chosen.

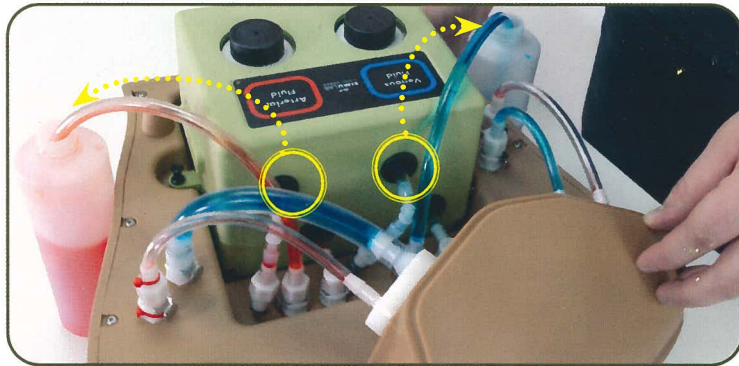
POWER PORT & SWITCH:

UNTETHERED BATTERY OR WALL POWER

- » Both power sources use the same port on the control panel.

SEE BACK PAGE FOR INDICATOR LIGHT KEY

7. Drain System and Prepare for Storage



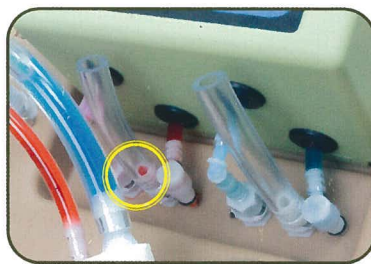
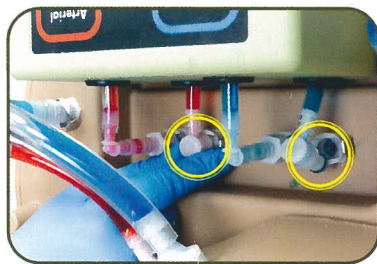
Your system includes with two sets of drain tubing to remove the fluid from the tissue for storage. Removing the fluid is best practice for storing the system.

DRAIN FLUID RESERVOIR INTO BOTTLES:

- » To drain fluid from the system back into the fluid bottles, simply detach the fitting from the **tall fluid lines** on the reservoir tank, and connect the **long drain tubing** to the fitting.
- » Run the long tubing from the reservoir and put in their respective fluid bottles. Stabilize bottles before next step.
- » **PRESS and HOLD the NEW STUDENT BUTTON** for **approx 3 seconds**. This will initiate a maintenance mode cycle, and most of the fluid will be drained back into the fluid bottles, which can be stored for future use.

DRAIN TISSUE FLUID INTO TANK:

- » When replacing a tissue, the fluid in the used tissue can be drained into the reservoir
- » Simply disconnect the two **short fluid lines** (circled in **YELLOW** in the image) and connect the **short drain tubing** in the open port.
- » **PRESS and HOLD the NEW STUDENT BUTTON** for **approx 3 seconds**. This will initiate a maintenance mode cycle, and most of the fluid will be drained into the tank.



DRAIN FLUID RESERVOIR:

REMOVE FLUID FOR STORAGE

- » The fluid reservoir should be emptied before storage
- » Simply disconnect all tubing connections,
- » Grasp and lift the black connection clips on both sides of the green tank
- » Lift the tank from the body form, take to a sink, remove fluid reservoir caps and drain.



8. Indicator Light Key

The indicator light on the control panel can assist you in understanding what the system is doing. See the key for details on what the lights are telling you.

| | | | |
|--|---------------------------|--|--|
| | Green Blinking | | Trainer is powered on and ready to prime |
| | Solid Yellow | | Fluid System is flushing/priming |
| | Solid Green | | Trainer is primed and ready for a procedure |
| | Yellow Blinking | | Venous Pressure is adjusting |
| | Red Blinking | | Replaceable Tissue is not installed properly |
| | Red/Green Blinking | | Maintenance/Drain Mode in process |



Contact your account representative with any questions.
Looking for replacement tissues or fluid? Scan code to be directed to our website.
www.simulab.com | 206-297-1260 | info@simulab.com