

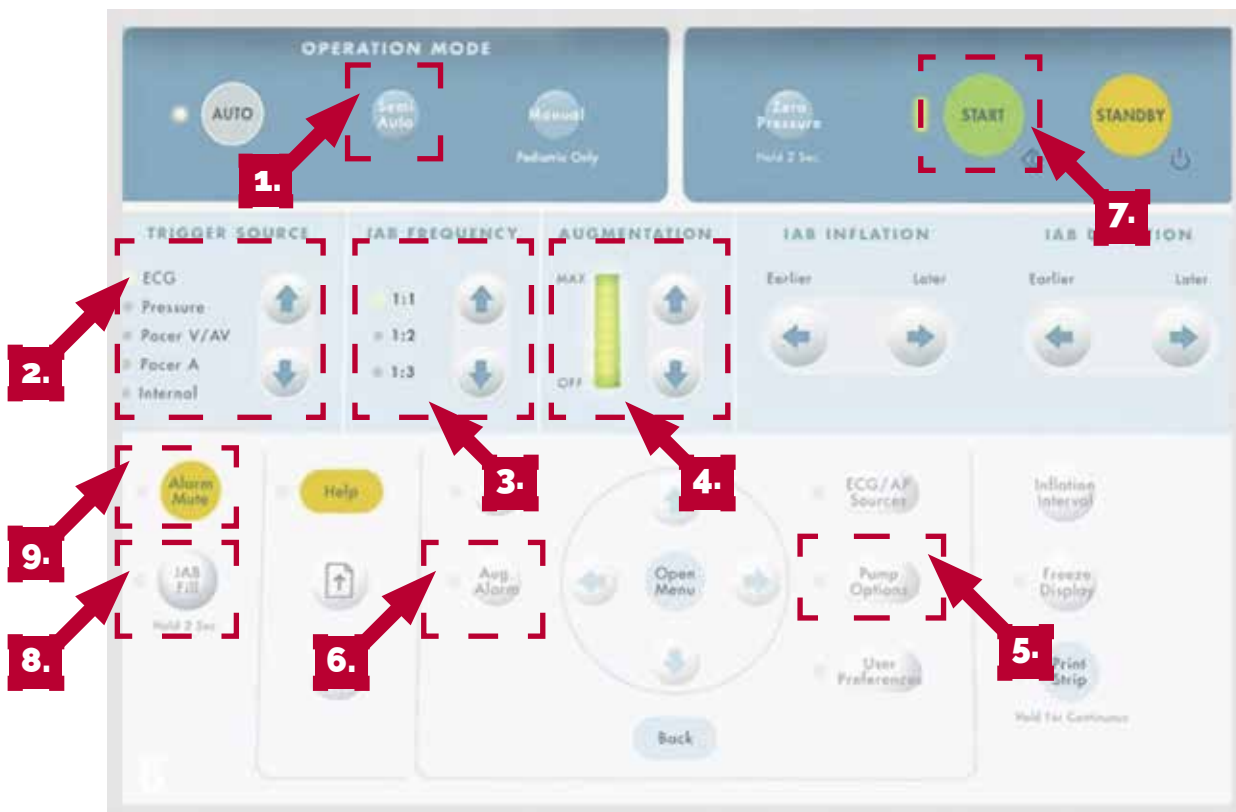
DATASCOPE CS300 and DATASCOPE CS100

Basic settings



Pre-check for ALL pumps: Helium level more than 1/3rd, ECG electrodes connected to patient, IABP connected to power source and charging.

- 1.** Set **OPERATION MODE** on **Semi-Auto**.
 - 2.** Set **TRIGGER** source on **ECG, Pressure** or **Internal rate** (*Internal mode should always be used for uncontrolled atrial fibrillation, bradycardia <60bpm or tachycardia >95bpm*).
 - 3.** Set **IAB FREQUENCY** to **1:2**.
 - 4.** Set **AUGMENTATION** to **100%**.
 - 5.** Press **PUMP OPTIONS** – on display screen, scroll down to disable **SLOW GAS ALARM** as well as **R-TRACK** alarm.
 - 6.** Disable **AUGMENTATION** alarm – light should be green to indicate alarm off.
 - 7.** When the iVAC 2L is connected: Press **START** button. Wait for the helium to fill the system (*could take up to 30 seconds*).
 - 8.** If there is no filling – press and hold **IAB** button for 2 seconds – Press **START**.
 - 9.** To silence intermittent alarms, press the **Alarm Mute** button
- Observe the movement of the membrane and the curve on the IABP screen – if correct change **IAB FREQUENCY** to 1:1
- To switch to **INTERNAL MODE**: Remove the ECG cable from the IABP. Change **TRIGGER SOURCE** to **INTERNAL**. Press **START**.
- To switch to **ECG/PRESSURE MODE**: Insert ECG cable into the IABP. Change **TRIGGER SOURCE** to desired mode. **PRESS START**.



Trouble shooting:

- Persistent alarms – check IABP settings and ECG cable (in for ECG and out for Internal)
- Multiple PVC's – Change mode to internal mode and change rate to match patient's heart rate
- Remove Membrane pump connector and reinsert (back of the pump)
- "High pressure alarm/kink in catheter" message – reduce AUGMENTATION to 90%, if alarms persist – change to internal mode and change rate to match patient's heart rate.
- If alarms are persistent after trouble shooting – **RESTART PUMP**