



# Datascope System g8/g8XT

## 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.

Special note: There is no option to set the OPERATION MODE to semi-automatic

**1.** IAB inflation and deflation control (both controls) must be centered under the arrows.

**2.** TRIGGER SELECT: ECG, PRESSURE or INTERNAL (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.** OVERRIDE the SLOW GAS ALARM – light should be on in the OVERRIDE label next to SLOW GAS button.

**6.** AUTO-MODE - R-TRAC OFF (green light at OFF).

**7.** AUGMENTATION ALARM – OFF (green light on).

**8.** When the iVAC 2L is connected: Press ASSIST/STANDBY button. Wait for the helium to fill the system (could take up to 30 seconds).

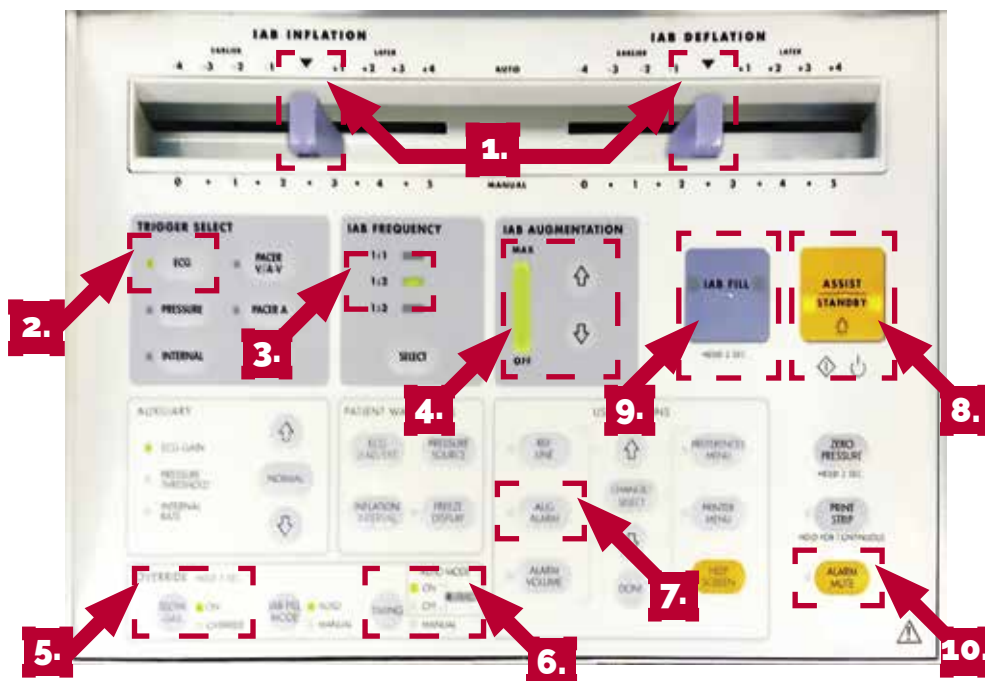
**9.** If there is no filling – press IAB button for 2 seconds – Press ASSIST/STANDBY button.

**10.** To silence alarms, press orange 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 heartrate
- 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