### PB-980



### **Circuit Setup**



### **Circuit Setup**



### Startup



- Remove cap from the circuit prior to startup
- Power on (the screen will be blank for a few seconds)
- Green light at the top of screen as well as small screen below the GUI will turn on light up.

### **Performing SST**



## Perform SST

### • Select SST



### • Select "Run All SST"

		No	t Ventilating	
re	SST Status To run St When ch Do NOT	: ST, touch Run All SST anging the circuit type close circuit until instru	PASSED , , a full SST is recommended ucted!	
	Date/Time	Test	Test Data	Result
	05.48am 25-Mar-2020	SST Flow Sensor Cross Check	Test data evailable in Service Mode.	Pass
	05:48am 25-Mar-2020	SST EV Performance	Test data available in Service Mode.	Pass
•	05:48am 25-Mar-2020	SST Circuit Pressure	Test data avellable in Service Mode.	Pass
m.	05:48am 25-Mar-2020	SST Leak	Insp Leak value: 81.53 cmH <sub>2</sub> O Insp AP drop: 3.47 cmH <sub>2</sub> O	Pass
	05:49am 25-Mar-2020	SST Exhalation Filter	Exp filter 4P @ 60 Limin: 0.85 cmH20	Pass
ime ge	05:50am 26-Mar/2020	SST Circuit Resistance	Insp Δ Pressure: 7.72 cmH <sub>2</sub> O Exp Δ Pressure: 1.85 cmH <sub>2</sub> O	Pass
	05:51em 25-Mar/2020	SST Circuit Compliance	Nominal Compliance: 2.55 cmH <sub>2</sub> O	Pass
- 1	Patient Balup		Run Leak Test	Run All SST

#### 4/3/2020

- Select appropriate circuit type
- Select appropriate humidification type
- Set Humidification Volume to 380ml
- Hit "Accept"

- Connect circuit without humidifier
- Hit "Accept"
- Block the "Y"
- Hit "Accept"



3:19

Result

1:16

Accept

- Reconnect humidifier or HME
- Hit "Accept"



• EV Performance and Circuit pressure test will be done automatically





- Circuit pressure test will begin automatically
- If pressure drops below 75 cmH2O, inspect circuit for possible leaks and "Re-test"
- Disconnect expiratory limb from expiratory filter
- Hit "Accept"
- Reconnect expiratory limb to expiratory filter
- Hit "Accept"



- Circuit Resistance test will begin automatically.
- Unblock wye when prompted
- Hit "Accept"



- Block wye when prompted
- Hit "Accept"

	St No	nort Self Test It Ventilating	
Biock wys Biock wys Press Acc	capt when done. Pres	Waiting . Is Exit SST to quit.	0:28
Dale/Time	Test	Test Data	Result
06:31am 25-Mer-2020	SST Flow Sensor Cross Check	Test date available in Service Mode.	Pas
06:31am 25-Mar-2020	SST EV Performance	Test data available in Service Mode.	Pass
06:31am 25-Mar-2020	SST Circuil Pressure	Tost data workable in Service Mode.	Pass
06:32em 25-Mer-2020	93T Leek	Insp AP drop: 3.27 cmHyO	Pass
98:33am	86T Exhalation Filler	Exp filter OP 10 60 Limin: 0.91 cmHyO	Pass
25-Mar-2020	SITT Discus Designed	Into A Pressuor: 7.45 millio	
25-Mar-2020 06:34em 25-Mar-2020	Sor Gircuit Raatspirite	Exp & Pressure: 1.80 cmHuO	Pass

- Verify whether or not there is water in the humidifier chamber
- If no hit "Cancel", if yes hit "Accept"

- Allow circuit compliance test to complete
- Unblock wye when prompted

Date/Time	Test	Test Data	
6:31am 25-Mar-2020	SST Flow Sensor Cross Check	Test data available in Service Mode.	
)6:31am 25-Mar-2020	SST EV Performance	Test data available in Service Mode.	
06:31am 26-Mar-2020	SST Circuit Pressure	Test data available in Service Mode.	
06:32am 25-Mar-2020	SST Leak	Insp &P drop: 3.27 cmH <sub>2</sub> O	
06:33am 25-Mar-2020	SST Exhelation Filter	Exp filter ΔP @ 60 L/min: 0.91 cmH <sub>2</sub> O	1
06:34am 25-Mar-2020	SST Circuit Resistance	Insp ∆ Pressure: 7.45 cmH <sub>2</sub> O Exp ∆ Pressure: 1.80 cmH <sub>2</sub> O	
	SST Circuit Compliance	0:28	11



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Districtions.	ini.	Tartora	
06.54am Phi Ven2620	NST Flow Steam Cross Class	The old a set balance for a relificate	6
254darot > 1	SST HV Perketance	find were evaluable is Maximum Mode	
Stations 25-March000	SST Gentlement	Terrideta ave le dern Sandta Mala	+
CR.Nar-2005	CET Lead	key All dog 207 gauge	
CE 22arr	With Hand Star	Doffersy gas long 201 mayo	
Billionan 28 Mar 2020	SST Group Res manue	Ny Alfanson 7.45 mig0 Per Alfanson 130 cm-0	
	SOT STORY CAR A MARK	Name al Care lance - 2 Second	a trans

• SST is now complete

 Hit "Patient Setup" to enter settings menu

	No	t Ventilating	
ST Status: To run SS When ch Do NOT	ST, touch Run All SST anging the circuit type close circuit until instru	PASSED a full SST is recommended ucted!	
Date/Time	Test	Test Data	Result
06:31am 25-Mar-2020	SST Flow Sensor Cross Check	Test data available in Service Mode.	Pass
06:31am 25-Mar-2020	SST EV Performance	Test data available in Service Mode.	Pass
06:31am 25-Mar-2020	SST Circuit Pressure	Test data available in Service Mode.	Pass
08:32am 25-Mar-2020	SST Leak	Insp ΔP drop: 3.27 cmH <sub>2</sub> O	Pass
06:33am 25-Mar-2020	SST Exhalation Filter	Exp filter ΔP @ 60 L/min: 0.91 cmH <sub>2</sub> O	Pass
06:34am 25-Mar-2020	SST Circuit Resistance	Insp Δ Pressure: 7.45 cmH₂O Exp Δ Pressure: 1.80 cmH₂O	Pass
06:35am 25-Mar-2020	SST Circuit Compliance	Neminal Compliance: 2.54 cmH <sub>2</sub> O	Pass
PatientS	Setup	Run Leak res	Run All SST
	monner	ATTERNA DE LA COMPANIO	
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- If ready to place on patient hit "Patient Setup"
- Select "New Patient"
- Select IBW/Gender
- Select Ventilation Type (Invasive/Noninvasive)
- Select Mode (A/C, SIMV, Spont, Bilevel)
- Select Mandatory Type (PC, VC, VC+)
- Select Trigger (Pressure/Flow)
- Input desired settings but pressing and highlighting each setting

# Apnea/Alarms

 Hit "Apnea" to set apnea parameters for Spontaneous mode



- Hit alarms to set appropriate alarms
- Once all settings are set hit "START", the ventilator will then enter "Standby"
- Connect patient to automatically begin ventilation



## Navigating The GUI



4/3/2020

Press to access general menu screen







Press to exit stand-by, vent will also begin ventilation automatically when patient is connected



Pressing on any of these values will bring up the menu below. You can change multiple settings at the same time and "Accept" or "Accept All"

16 330 A 0.0 Current mode and 30 • breath type will be 1000 2.75 al SLOP shown here đu m When adjusting Vt you ٠ Adult 330 50 3.0 21 16 will also be able to see Event O2 (SRD rund 0 N 0.0 5.0 change in ml/kg

#### Access Alarm Settings







Pressing and holding on any item on the GUI will bring up a tooltip to use as a guide.

Press tab to access additional patient data



### Press tab again to access large font screen

Double tap on any of these values to change to display a different value







Press to access graph layout screen. Up to 5 graphs may be displayed at the same time.



### Press to pause waveform







- Press and hold on the graph to move cursor
- Press on the numbers on the X and Y axis to adjust interval time



- Alarm indicator light located at the top will change color depending on alarm priority
- Pressing on the alarm on the right of the screen will bring up the alarm menu