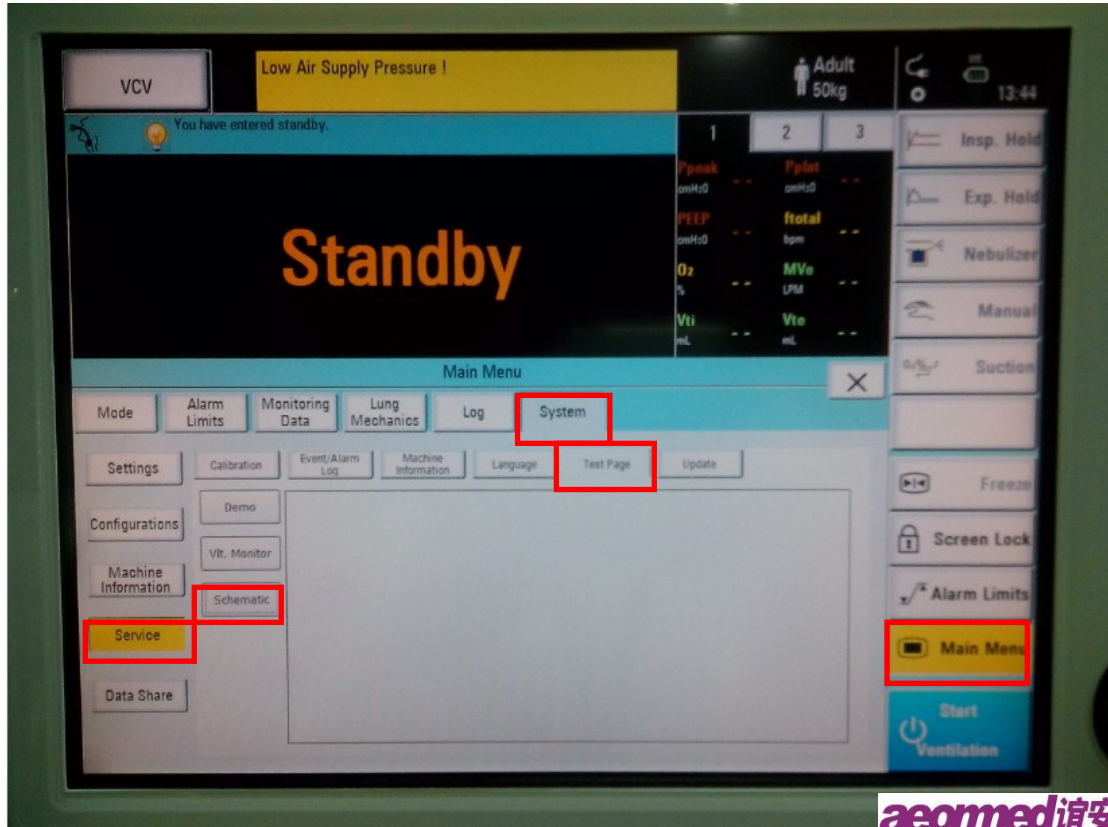
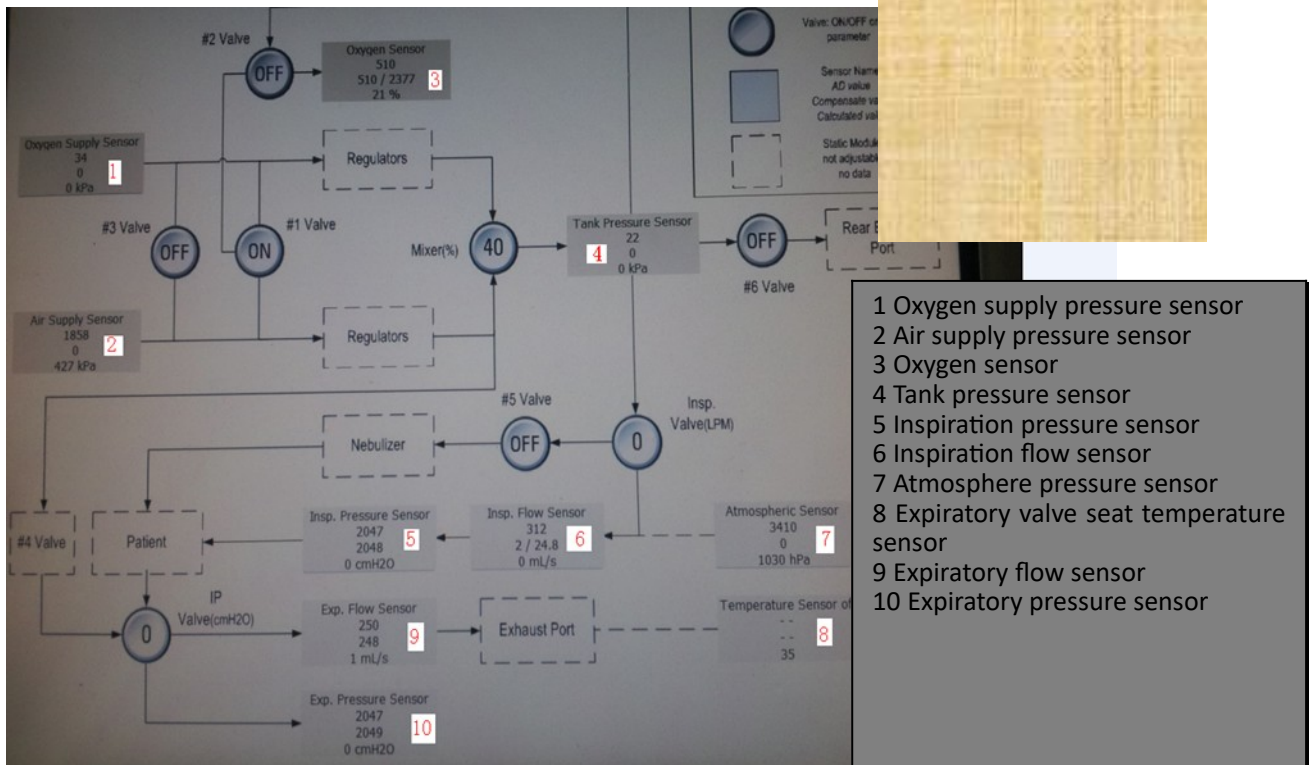


Schematic user operation

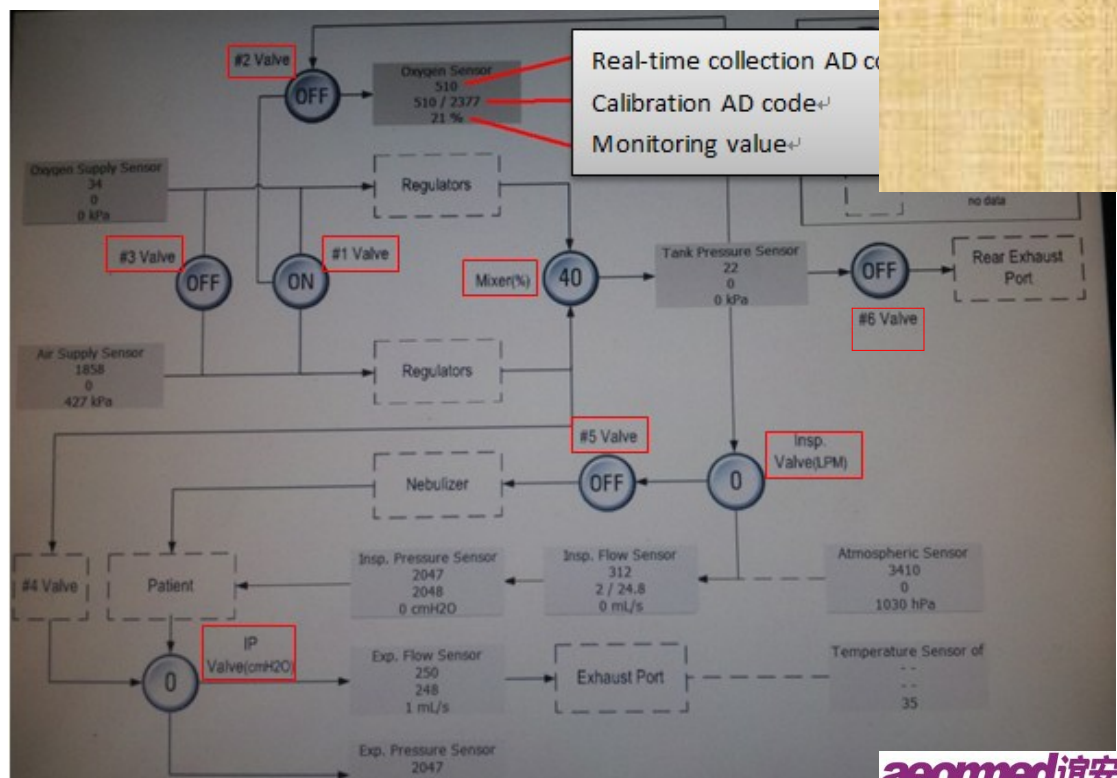
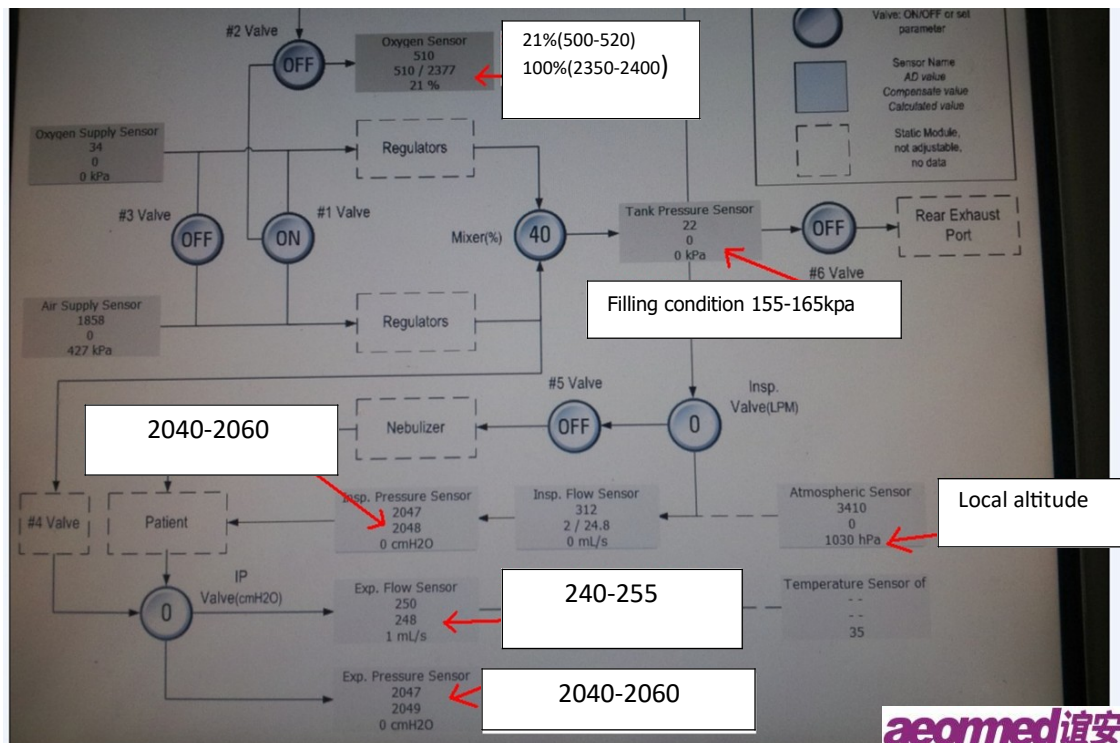
一、 The schematic at the Main menu>System>Service>Test page>Schematic.



二、 Sensor introduce



Sensor calibration reference value



The valve introduction

#1 valve--air/oxygen conversion valve.

Choice ON-----Oxygen

Choice OFF----Air

#2 valve--gas source/tank conversion valve

Choice ON----gas source

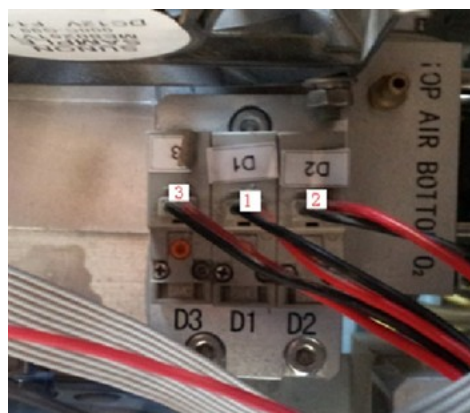
Choice OFF----tank gas

#3 valve--Bridge valve

Choice ON----bridge the air gas to oxygen tunnel

Choice OFF----cut the bridge

Function: to make sure if the Oxygen supply has been cut or use up, the both of air and Oxygen way have 160kpa pressure gas to let themachine work in normal.



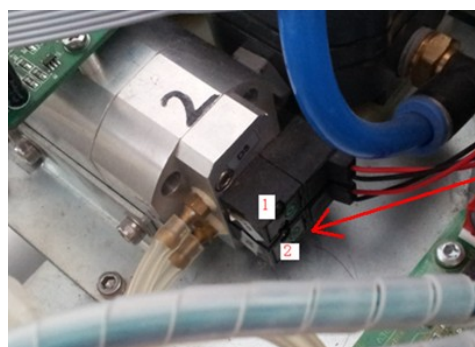
#4 valve--supply valve(mark 2)

Function: supply the air gas to safety valve and PEEP valve .

#5 valve—nebulizervalue(mark 1)

Choice ON----open the nebulizer

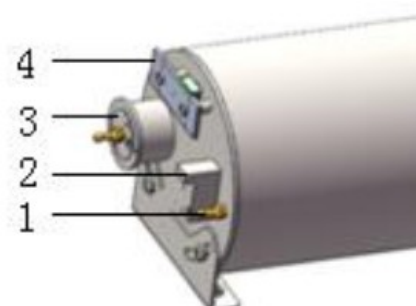
Choice OFF----close the nebulizer



#6 valve—tank release valve(marked 3)

Choice ON----release the tank's gas

Choice OFF----close this function



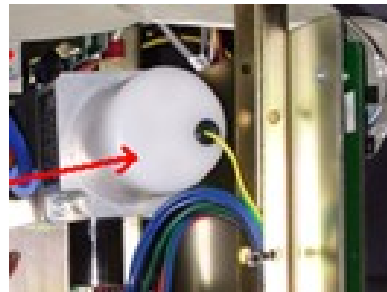
Mixer valve

Function:set the oxygen concentration (21%~100%)



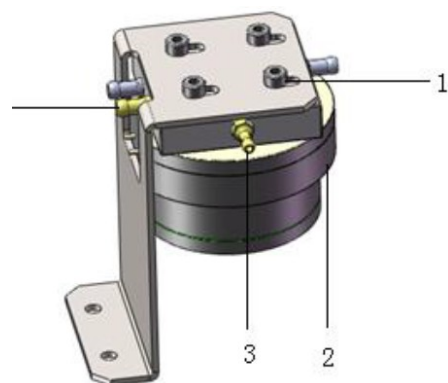
Insp.valve—inspiratory flow valve

Function: set the inspiratory to patients(L/min).



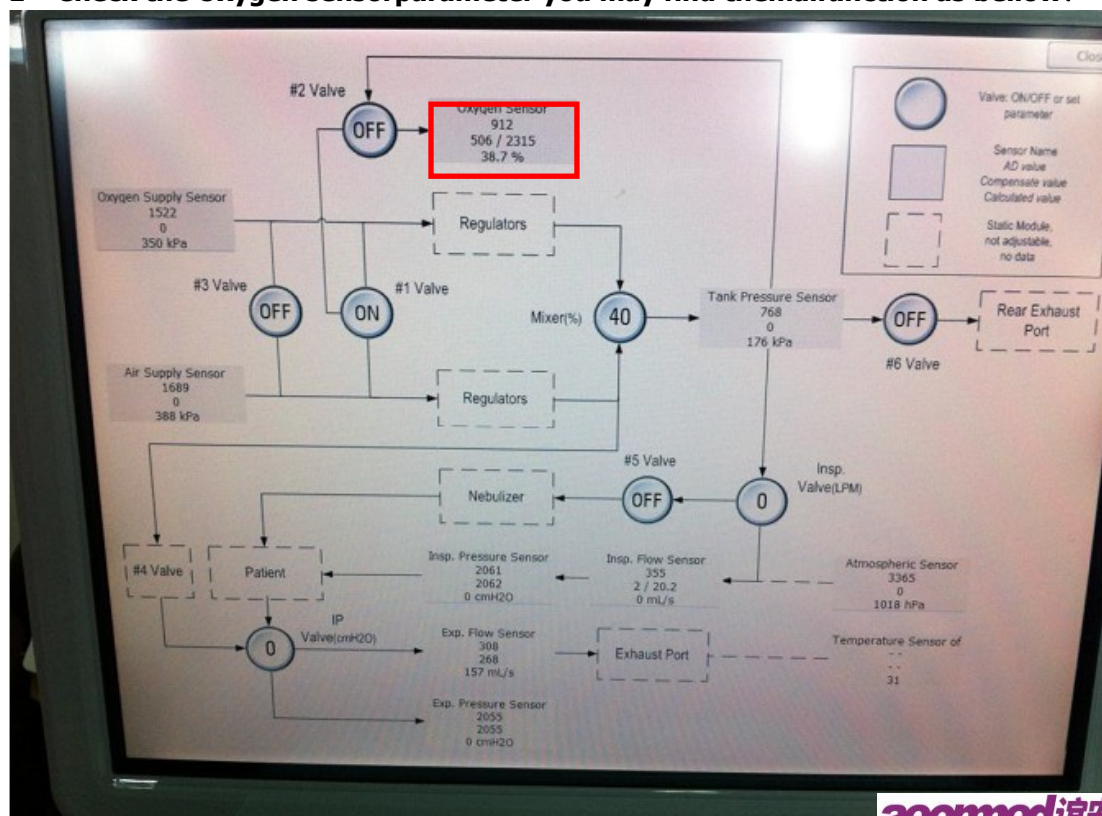
IP valve—PEEP valve

Function: set the PEEP value.



Troubleshooting

1 Check the Oxygen sensor parameter you may find them as below:



A Oxygen sensor failure

Check the middle AD code. It should be around (500-520)/(2350-2400) the rating value after calibration the oxygen sensor, it's mean oxygen sensor

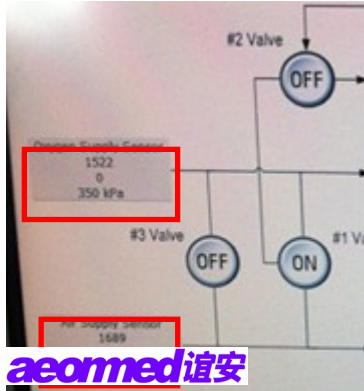
B Inspection the Mixer's accuracy

After insure the oxygen sensor is useable, take the #2 valve to OFF, 40/50/60, the sensor will monitor the tank's oxygen concentration. The oxygen value should be roughly same as you sent.

C Inspection the gas supply's Oxygen concentration

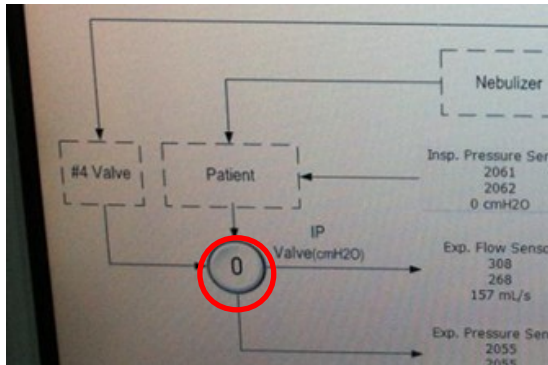
Set the #2 valve ON (monitor the gas supply's oxygen concentration), choose #1 valve ON for oxygen supply, the monitor value should be around 100%

2 Check the gas supply pressure sensor



When the ventilator alarm about Low Air Supply Pressure, please check the gas supply pressure sensor's monitor value, it should be higher than 160kpa.

3 Set the IP valve's value you may find the malfunction as bellow:



A When you use the machine find the PEEP value is not accurate at your set.

It's mean they need take the Expiration valve calibration.

B The PEEP value is always zero whatever you set.

May the #4 valve is broken or the valve's cable is loosen (let the machine work with test lung all gas was leaked by safety valve,)

C Set the PEEP value to ZERO but the monitor PEEP is not zero

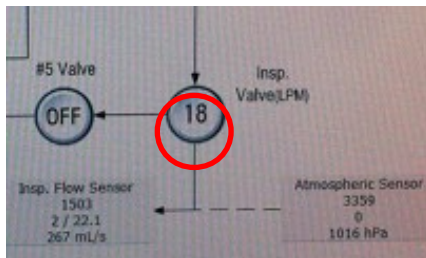
It's mean the PEEP valve's zero point was drifting, you need to adjust the zero point as bellow:



Disassemble the left of the cover, use a small screw driver to fine adjustment the bottom of the hole of the PEEP valve's.

4 False triggering at Assist breathing mode(for example SIMV mode)

A Inspiration valve can't output the small volume.

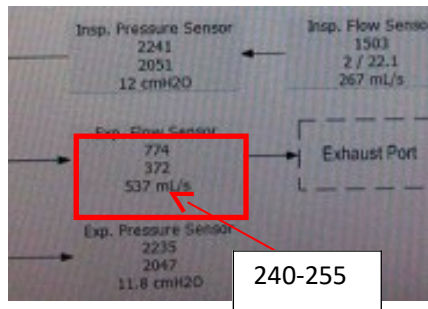


Set the Insp.valve (L/min) about 3~5 L/min, the machine will don't have any gas output. When you set that valve more than 12, the machine works normal.

It's mean the inspiration valve can't out the small volume.

Update the software can shoot this trouble.

B Expiration flow sensor's zero point was drifting or sensor's cable was loosen.



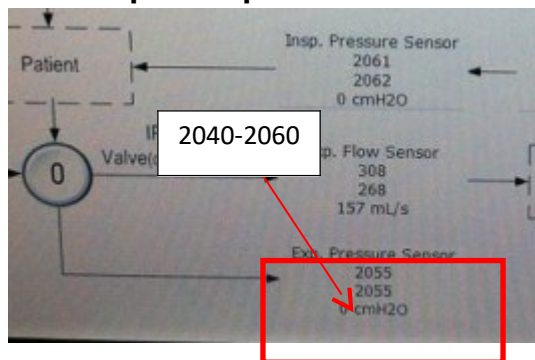
Check the reference value of the expiration flow sensor, it should be within 240~255.

If this value is higher or lower than reference value, it's mean you need to calibration the flow sensor.

Regulate the insp.valve's value. If the Expiration flow sensor's monitor value is always invariant whatever you sent. It's mean the cable is loosen.

Attention! If the sensor's zero point was drifting, ventilator may also have the malfunction about the VTi and VTe have the big difference (after insure the machine don't have leakage)

5 The expiration pressure sensor's zero point was drifting



When you find the pressure waveform is abnormality, the waveform always lower than zero level. it's mean that machine need take the pressure sensor calibration.

Welcome to contact us

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