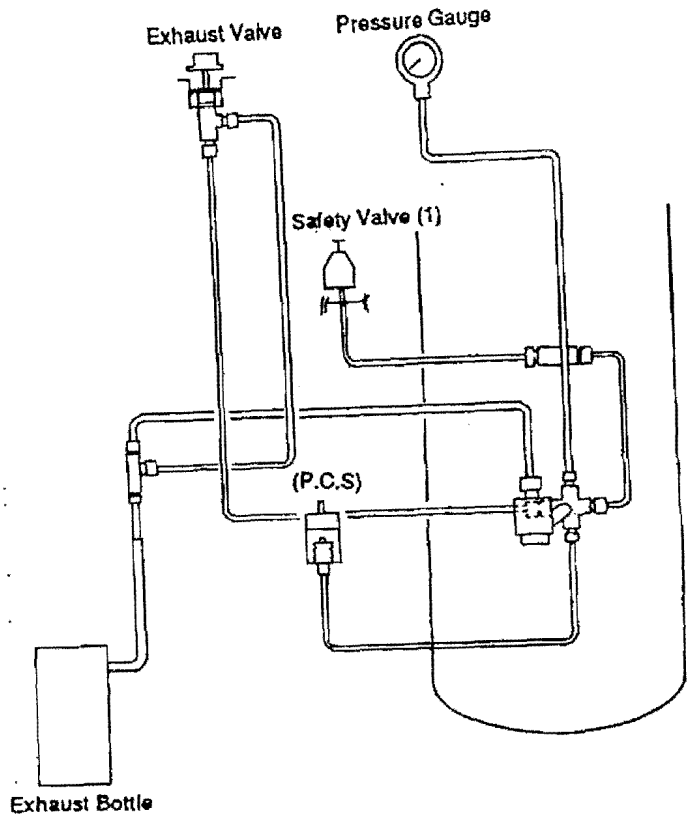
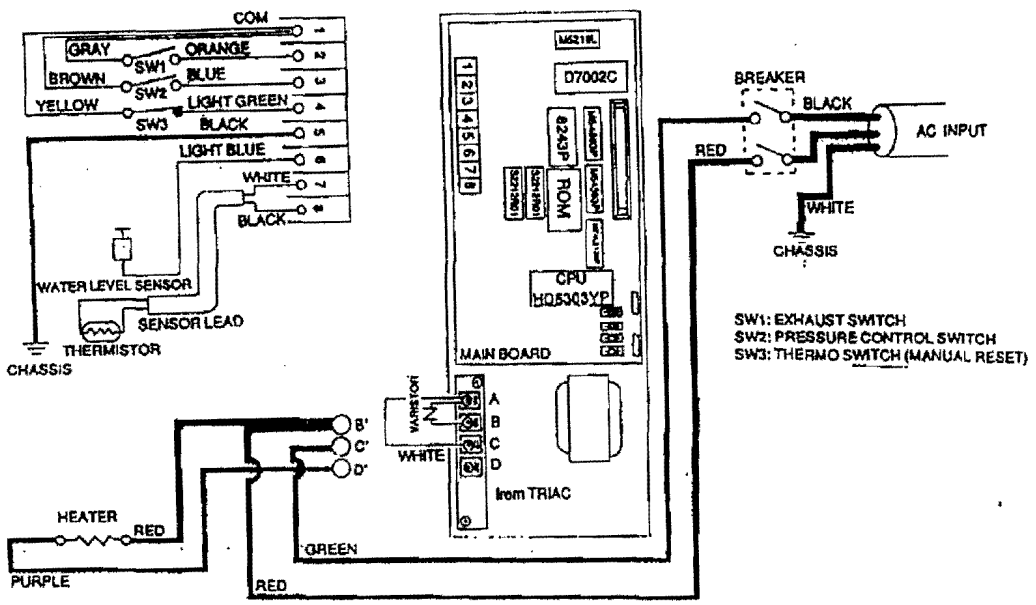
APPENDIX A



DRAWING OF TUBING

APPENDIX B



WIRING DIAGRAM FOR SS-325/245

Parts Replacement

3-5. Replace the Bellows and Adjust the Exhaust

1. Remove the rear plate screw. (see Figure 3-5)

2. Take off the rear plate. The air vent valve can be seen on the center of the chamber. (See Figure 3-6)

AUTOCLAVE SIDE VIEW

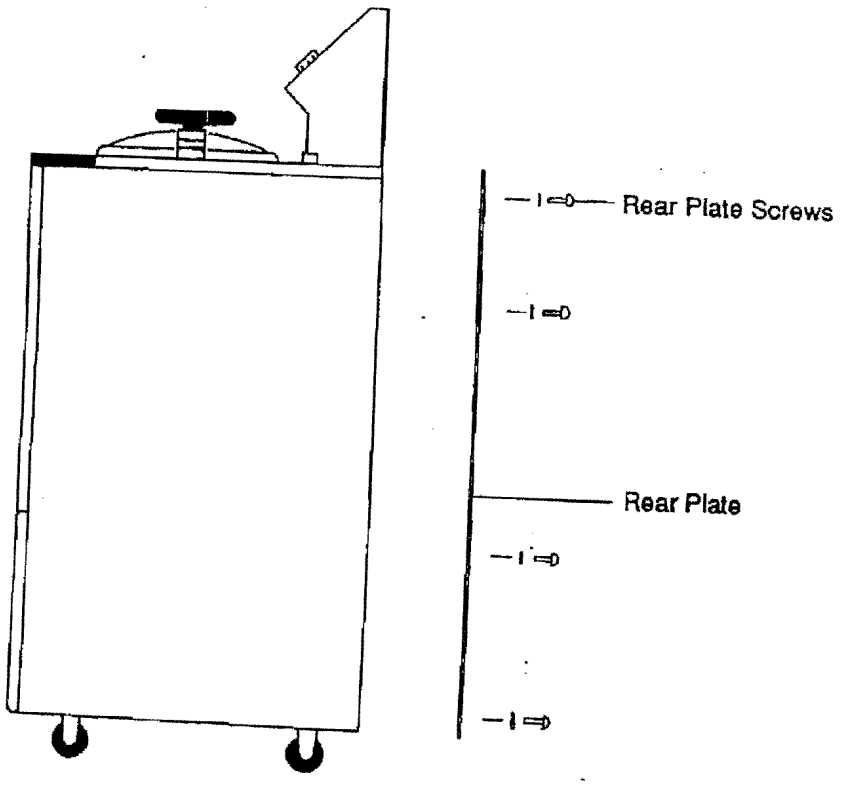


FIGURE 3-5

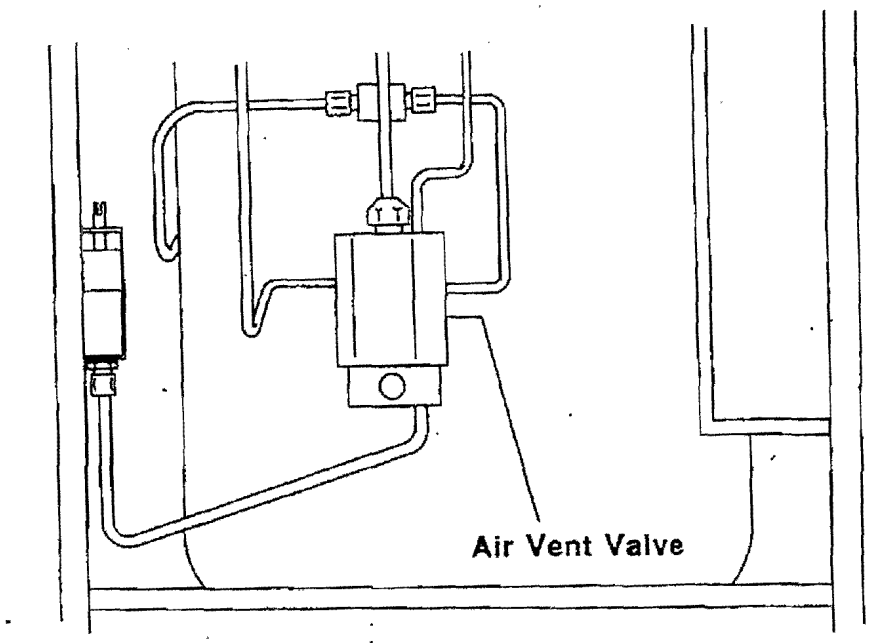


FIGURE 3-6, REAR VIEW

3. Turn the bellows base counterclockwise. The bellows base with the bellows can be removed from the Air Vent Valve Case. (See Figure 3-7)

Parts Replacement

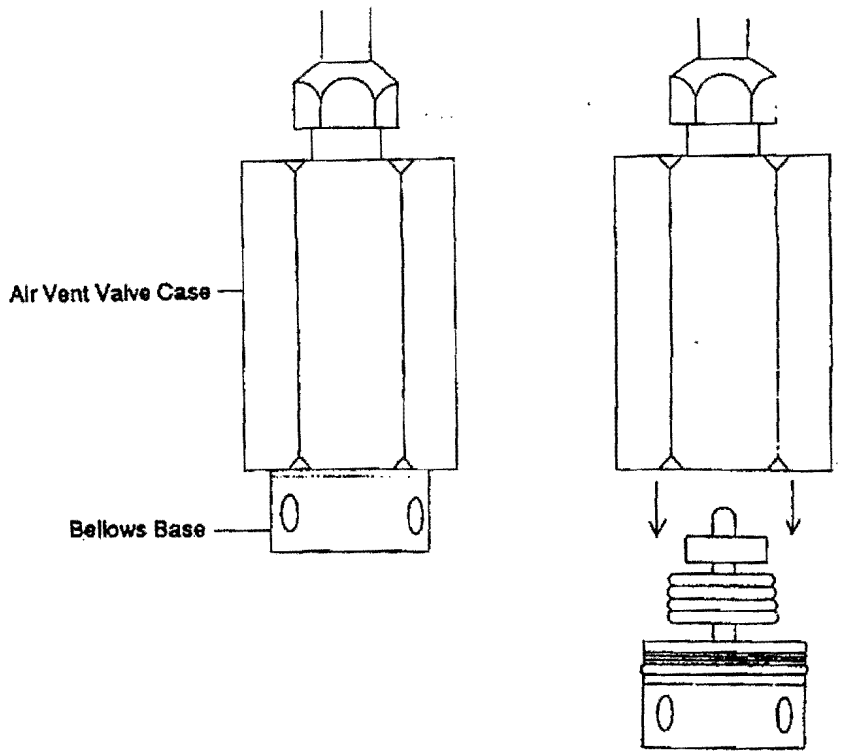


FIGURE 3-7, AIR VENT VALVE CASE

4. Replace the bellows and the silicon cover. (See Figure 3-8)

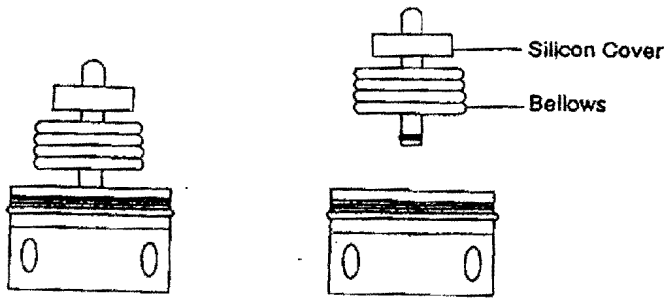


FIGURE 3-8, SILICON COVER & BELLOWS

5. Push and screw the bellows base with the new bellows and silicon cover into the bellows case until its above the line on the bellows base. (See Figure 3-9)

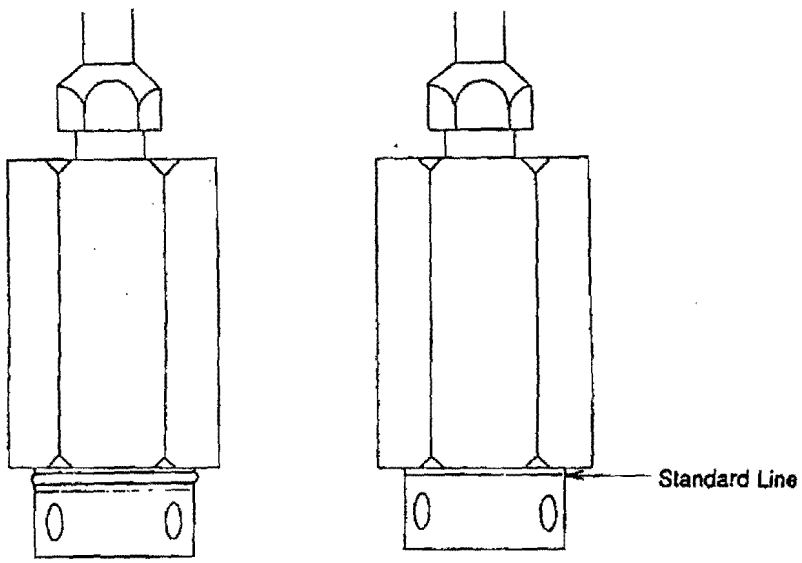


FIGURE 3-9, REPLAC THE BELLOWS AND ADJUST THE EXHAUST

6. Cover the hole in the exhaust hose with tape. (See Figure 3-10)
   Then, put that hose into water which is in the bucket.

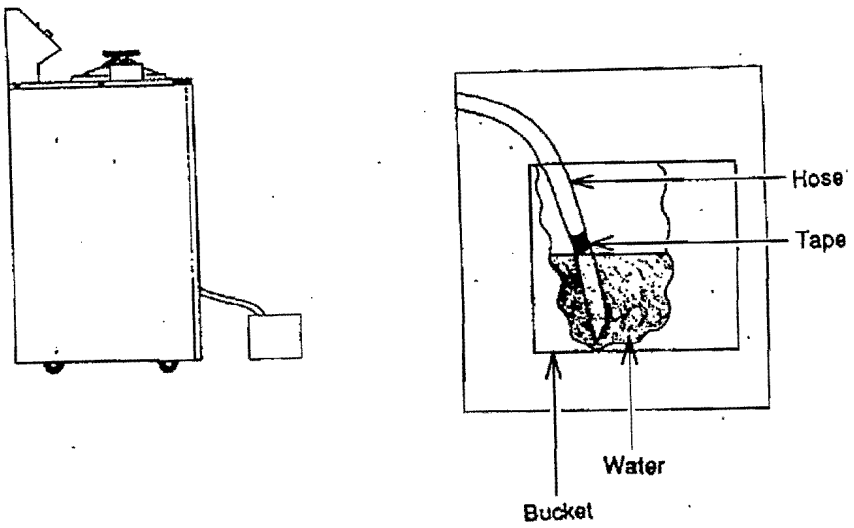


FIGURE 3-10, REPLACE THE BELLOWS AND ADJUST THE EXHAUST

7. Turn on the power switch, set the temperature to 121°C and time to 20 minuts. Then press the start key.

8. When the temperature comes up to 100°C, begin to turn the bellows base clockwise slowly until the exhaust stops before 102°C is reached.

9. There after, push the stop key and wait until the pressure goes down to 0kgf/cm^2 , then the lid can be opened.

10. After 5 minutes, the temperature is made to go up to 121°C to check if the temperature and pressure is correct. 121°C : 1kgf/cm^2 ~ 1.1 kgf/cm^2

11. If it isn't correct, it has to be readjusted.

12. If it is correct, press the stop key and open the exhaust valve on the control panel. (See Page 32)

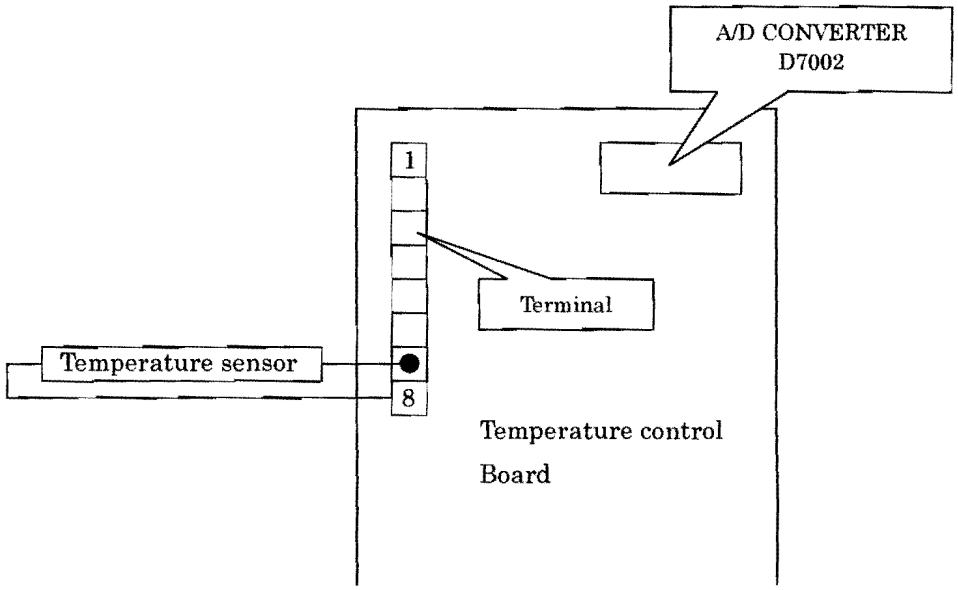
13. When the temperature goes down below 80°C, you may open the lid. After opening the lid, you have to close the exhaust valve.

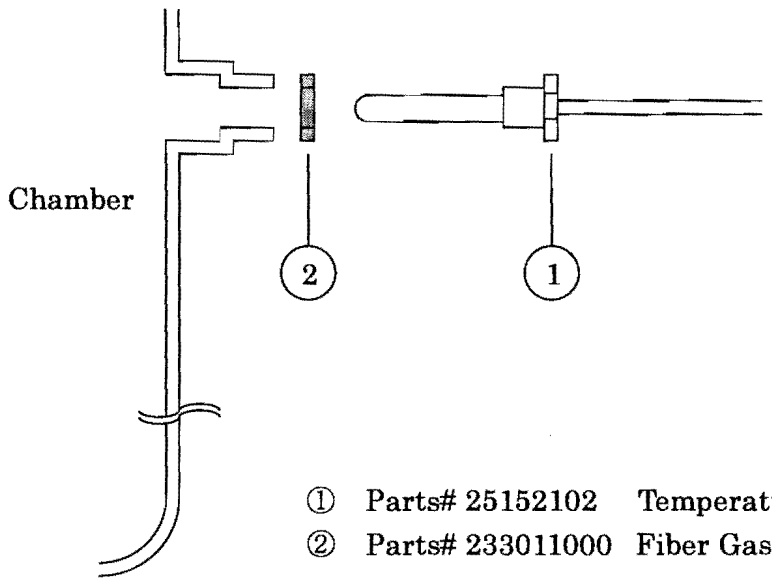
14. Take off the tape from the exhaust hose and then put the hose into the exhaust bottle.

15. Replace the rear panel.

Temperature sensor Replacement

1. Remove the rear panel screw.
2. Take off the rear panel. The temperature sensor can be seen on the center of the chamber.
3. Disconnect the wire from temperature sensor on #7 & #8 terminal of the temperature control board.
4. Turn the temperature sensor counter clock wise.
5. The temperature sensor with the Fiber Gasket can be removed from chamber.
6. Replace the new temperature sensor and new fiber gasket.



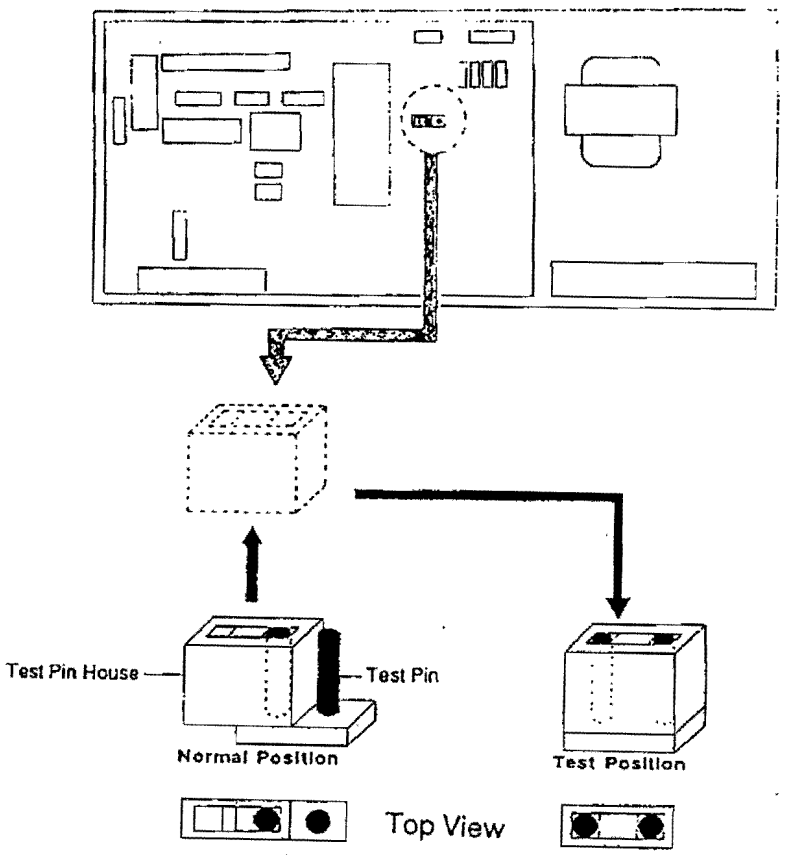


① Parts# 25152102 Temperature Sensor
② Parts# 233011000 Fiber Gasket

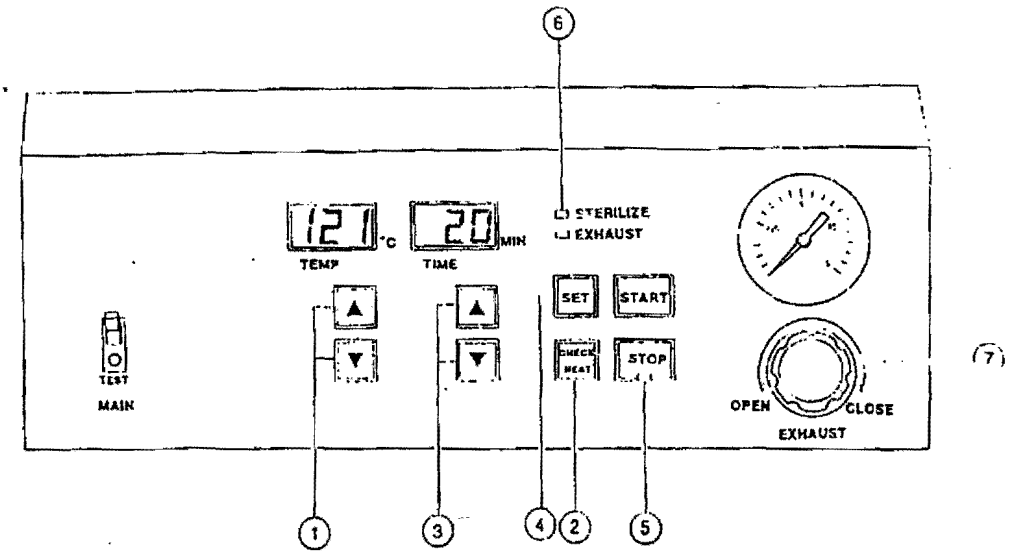
Procedure for adjusting the temperature revision between displayed and sample's

CAUTION: First , turn the power switch OFF before adjustment.

1. Change the position of the house on the test pin (JP400) as shown in below Figure.



2. Turn the power switch on.
   Temperature display window will indicate"000".



3. Select the test number 2 as displayed "002" on temperature window by using △▽ keys ①

4. Press the START key.
   Time display window will indicate revision value.

5. Set the desired revision value by turning the variable resistor (VR300) located on the temperature control print board.

6. Press the STOP key to complete the adjustment.

NOTE: This revision value is added to the temperature which is readed by sensor.