

USING THE A.D.S. 1000 in LAB MODE

In order to facilitate the ventilation of very small patients the A.D.S. 1000 has a low pressure LAB mode. This mode does *not* have any preset default parameters by weight, therefore it is advised that you have experience operating the A.D.S. 1000 before using this mode. To enter this mode perform the following.

1. Turn ON the A.D.S. 1000 as usual and allow it to go through the self-test procedure. The LCD should display the initial default 20 Kilograms readout.
2. Now press the WEIGHT DOWN button until the LCD displays looks like Figure 9 below.

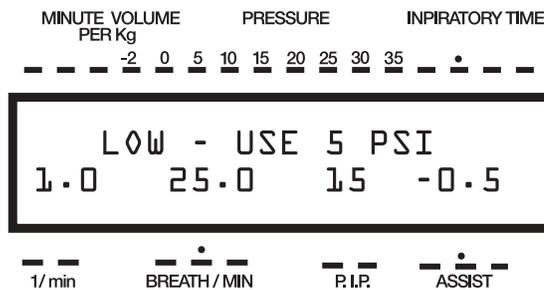
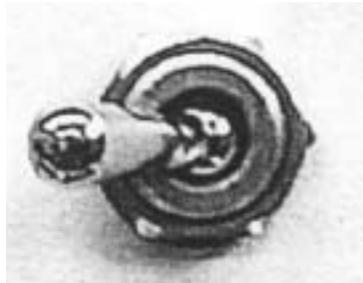


Fig. 9

3. On the back panel of the A.D.S. 1000 you will find a toggle switch to select the pressure - 50 P.S.I. for normal operation (and to start up self test) and 5 P.S.I. for lab mode. Set switch to 5 P.S.I.



50 PSI / 5 PSI

This A.D.S has an internal regulator for Lab Mode.

Always operate with an input pressure of 50 P.S.I.

NOTE: The start-up self-test may show an error if you attempt to start the A.D.S. 1000 with the input pressure set at 5 P.S.I., therefore, always start the A.D.S. 1000 in the NORMAL mode at 50 P.S.I. and then turn the pressure down to 5 P.S.I. as you enter the LAB mode.

4. In LAB mode the Tidal Volume, rather than the Minute Volume per Kilogram, is displayed.

USING THE A.D.S. 1000 in LAB MODE (cont.)

5. In LAB mode the Flow Rates are adjustable between 0.2 to 6.0 Liters per Minute.

6. The Breaths per Minute in LAB mode are adjustable between 1 and 95.

NOTE: The Breaths per Minute are in increments of 0.5 for 1 - 12 BPM

1.0 for 13 - 50 BPM

2.0 for 50 - 70 BPM

5.0 for 70 - 95 BPM

7. The MASK function in LAB mode does not require the use of a Mask Adapter.

USE OF EXTERNAL EQUIPMENT WITH THE A.D.S. 1000

Connecting any external apparatus to the ADS 1000 may adversely affect the operation of the unit. Always test for correct operation on the test lung prior to using it on a patient.

CAUTION:

Electromagnetic interference from Electro-cauterization (Electro- surgical) units may interrupt the normal operation of the microprocessor within this medical device. Suggestion: While using Electro cauterization unplug the A.D.S. 1000's power supply adapter and run the A.D.S. 1000 on its internal battery. This may help stop the interference disrupting the operation of the microprocessor. When using the A.D.S. 1000 in this manner the A.D.S. 1000 must be monitored closely for any abnormalities in operation.