

UNDERSTANDING PEEP MODE (cont.)

d. As shown below in Figure 8, the LCD display will now show a PEEP value instead of an ASSIST number.

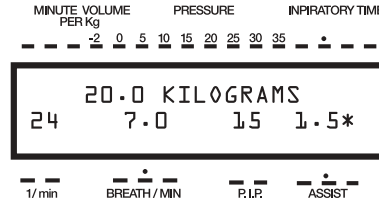


Fig.8

NOTE: An "*" is displayed as an indication that the A.D.S. 1000 is in the PEEP mode.

NOTE: The ASSIST mode will not function when the A.D.S. 1000 is in PEEP mode.

NOTE: PEEP pressures range from 0 to 9 cm of H₂O. Adjust the PEEP pressure by using the ASSIST UP and ASSIST DOWN buttons.

e. To exit the PEEP mode you must first turn OFF and then restart the A.D.S. 1000.

ENDOTRACHEAL TUBES and the A.D.S. 1000

1. The proper function of any ventilator depends on a good seal between the trachea and the tube cuff. Small leaks will cause the Minute Volume Per Kilogram to be off, while larger leaks will not allow the peak inspiratory pressure to be reached in a reasonable time if at all.
2. Small tubes should have the adapter on the OUTSIDE, rather than the inside of the tube. When they are on the inside, the adapter narrows the opening significantly and can seriously interfere with respiration. This is, of course, true whether positive pressure ventilation is used or not. In fact, it is even more important for "regular" anesthesia systems. The adapter can be glued onto the outside of the tube.
3. The cuff should be tested to be sure there are no leaks. Fill and cap the cuff, then submerge in water to check for leaks.
4. A good seal must be made to the patient, but care should be used not to put too much pressure on the trachea since excessive pressure can cause damage to the tissue.