

## USING THE MASK MODE

1. Masking a patient down requires an adapter which is supplied with the unit.
2. As shown in Figure 5, connect the "Mask Adapter" to the end of the breathing circuit.
3. Attach the mask and the "Blue Scavenger Tubing" to the "Mask Adapter" as shown in Figure 5.

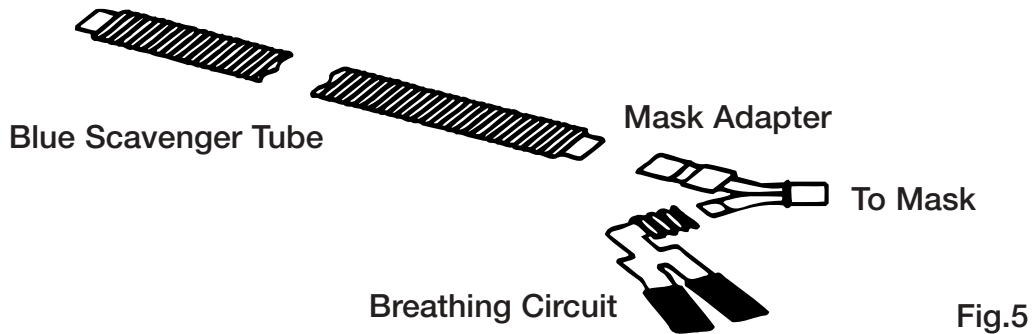


Fig.5

4. Set the vaporizer to the desired concentration.
5. Place the "MASK" switch into the ON or "I" position. The LCD display will look like Figure 6, and a continual flow of oxygen with anesthetic gas will flow through the mask at a preselected flow rate.

### 6. USING A MASK WHILE IN LAB MODE

When using a mask in lab mode (low flow) do not use the mask adapter. Instead, connect the mask directly to the breathing circuit. The blue scavenger tube should be connected to the scavenger port at the back of the unit.

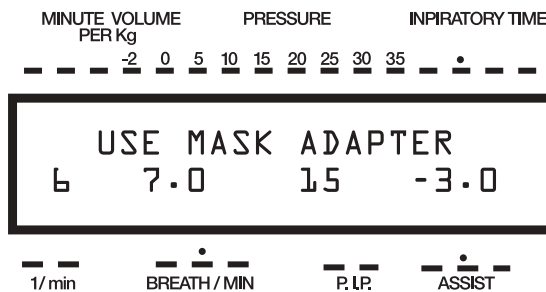


Fig.6

## USING THE MASK MODE (cont.)

**NOTE:** An adequate MASK flow is calculated as in the formula below:

$$F_{\text{MASK}} = 3 \times M_V$$

**Where:**  $F_{\text{MASK}}$  = Mask Flow Rate  
 $M_V$  = Minute Volume per Kilogram

The A.D.S. 1000 automatically selects a Mask Flow Rate of at least 3 times Minute Volume based on the patients' weight entered.

**NOTE:** The scavenger system must be able to hold at least one Tidal Volume for the mask function to work properly.

**NOTE:** In the MASK mode there is a built in pressure safety that stops the flow to the patient and causes an audible alarm if the pressure exceeds 35cm of H<sub>2</sub>O. This pressure can build up if the MASK ADAPTER is not used, i.e. the mask is connected directly to the Breathing Circuit.

7. To end a MASK procedure, simply place the "MASK" switch into the OFF or "O" position. The A.D.S. 1000 then reverts back to normal operation.