

RESPIRATORY PRODUCTS



Manual resuscitator:

- Uses positive pressure to inflate the lungs
- Provides ventilation to a patient who is not breathing or who is breathing inadequately.
- Consists of a flexible air chamber attached to a face mask via a shutter valve.



BIPAP and CPAP Machines:

- Positive airway pressure ventilator
- Applies mild air pressure on a continuous basis to keep the airways continuously open in people who are able to breathe spontaneously on their own.
- Stents the lungs' alveoli open and thus recruit more of the lung's surface area for ventilation.



Laryngeal Mask Airway:

- Keeps a patient's airway open during anesthesia or unconsciousness.
- Composed of an airway tube that connects to an elliptical mask with a cuff which is inserted through the patient's mouth
- channels oxygen or anesthesia gas to a patient's lungs during surgery and in the pre-hospital setting



HUMIDIFIER:

- Adds moisture to the oxygen as it passes through (cold humidification) to deliver humidified gas to the patient.