

## ANESTHESIA MACHINE WITH VENTILATOR With ETCO2

### **TECHNICAL SPECIFICATIONS.**

- With built-in ETCO2 Monitor with complete Accessories.
- 3- Gases O2/N2O/AIR.
- The unit should be Hypoxic guard function, ensuring at least 25% oxygen in the oxygen/nitrous oxide mix
- The unit should have high standard built-in features to support patient safety
- Vertically integrated breathing system (IBS) with breathing bag holder.
- Non interchangeable pipeline inlets.
- Pin index cylinder yokes for Oxygen, Air and N2O.
- Two Lockable casters.
- Stainless steel/ fiber work surface
- Suction system.
- Patient pressure manometer in the front,
- 3 Power outlets in the back to connect auxiliary equipment's.
- CO2 absorber 800- 1200 gm.
- Central gas/Electronically driven.
- Auxiliary Gas outlet and O2 flush control.
- Three gas flow meters for precise control and monitoring of gasses.
- The unit should have Full test and Leak test in a test mode.

### **Technical Features:**

- Anesthesia Ventilator with at least 8" TFT Screen or more. .
- The ventilator has a capability of ventilating adult and pediatric patients.

The ventilator should have following features.

- I:E ratio capacity
- Tidal volume 20 to 1500ml.
- Rate of frequency 4 to 60 bpm.
- Oxygen Sensor: Paramagnetic/ Galvanic.
- VCV (volume-controlled ventilation)
- PCV (pressure-controlled ventilation)
- SIMV (synchronized intermittent mandatory ventilation) PSV (pressure support ventilation)
- PRVT (Pressure-Regulated volume target)
- Manual, spontaneous

• PEEP 0-2 cm

Handwritten mark resembling a bracket or checkmark.

For  
13/2  
DR. AZMAT  
Dr. Azmat Ali Shahi  
FCPS, DA, MD  
Assistant Professor  
Ayub Medical College A. Abad.

- Built in Oxygen Monitoring.
- Inspiratory pressure limit
- Low/High FIO2 Alarm.
- Main Failure Alarm
- High/Low pressure Alarm.
- The unit should have Vaporizer, Isoflurane and Sevoflurane.

Power Supply 220 VAC, 50 Hz Along with Power outlet to connect the auxiliary equipment's.  
The ventilator shall be supplied with complete drive hose and power cable.

**STANDARD ACCESSORIES:-**

- Adult flow sensor, reusable (box of 1).
- Pediatric flow sensor, reusable (box of 1).
- Spirometry tube, 2m, (pack of 5 pcs).
- Reusable filters (pack of 40 pcs).
- O2 fuel cell sensor (1 pcs).
- Pin index key.
- Clamp with hook.
- Suction tubing set (1 set).
- Bacteria filter, disposable (Box of 50 pcs).
- Disposable breathing circuit.

The unit will be supplied with complete standard accessories.

Handwritten signature/initials

For  
13/2  
Dr. Azmat Afi Shah  
FCPS, DA, MD  
Assistant Professor  
Ayub Medical College, Abbottabad.

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