

## Excelsior

Anaesthesia workstation with ventilator



### Standard Accessories:

- One Thermo-Compensated Vaporizer.
- Bain's Circuit.
- Pediatric Anaesthesia Circuit.
- Magill's Circuit.
- Colour Coded High Pressure Tubing for O<sub>2</sub>, N<sub>2</sub>O, Air, and Vacuum.
- Drip Stand.
- Face Mask of 2 Sizes: 3&5.
- 3 Nos. Rebreathing Bags.
- Suction Unit.
- Nylon Washers.
- 2 Nos. Cylinder Opening Key.
- Outlet Probes of O<sub>2</sub> and Air.

**Structure:**

- Made of aluminum extruded tubes with a powder-coated finish.
- Drawers fitted with sliding channels for smooth movement.
- Sliding writing tray at the middle for use.
- Four large diameter caster wheels with front castors equipped with individual brakes.
- Mounted with one no. dip stand with hooks.
- Handle fitted on both sides for easy maneuverability.
- Equipped with an electrical distribution box at the back with 2 no.5/15A 5-pin socket, two no. On/Off switches.
- Space for mounting up to two vaporizers.
- Bar display size length: 12 inches & width: 6 inches.

**Gas Inlet:**

- Cylinder Inlet: Four nos., pin indexed Yoke, 2 nos. each for O<sub>2</sub> & N<sub>2</sub>O.
- Central Pipe Line Inlet: Non-interchangeable pipeline connection for O<sub>2</sub>, N<sub>2</sub>O, Air & Vacuum.

**Pressure Regulators:**

- 2-stage regulation.
- Each gas service is fitted with high-performance regulators for two-stage reduction.

**Pressure Indicators (Pressure Gauges):**

- High & low-pressure gauges for individual cylinder pressure indication of O<sub>2</sub> & N<sub>2</sub>O.
- Line pressure gauges for monitoring O<sub>2</sub>, N<sub>2</sub>O, and air pressure.
- Vacuum system equipped with a vacuum gauge.

**Flowmeter with Oxygen Ratio Controller:**

- Cascade type five-tube rotameter assembly for flow control of O<sub>2</sub>, N<sub>2</sub>O, and Air.
- Unique design for easy service and maintenance.
- Each gas control valve is fitted with specific knobs.
- Oxygen Ratio Controller ensures a minimum of 25% oxygen in the O<sub>2</sub> - N<sub>2</sub>O mixture.

Gas	Flowmeter	Range
O <sub>2</sub>	Double	0.1- 1 litre/min, 1-10 litre/min
N <sub>2</sub> O	Double	0.1 - 1 litres/min, 1 - 12 litres/min
Air	Single	200 - 15000 cc/min

**Oxygen Low Pressure Alarm:**

- Audio & visual alarm for low oxygen pressure in the rotameter.

**Air/N<sub>2</sub>O Interlock:**

- Prevents selecting Air with N<sub>2</sub>O.

**Vaporizer Manifold:**

- One thermo-compensated vaporizer provided.
- Space for mounting another vaporizer.

**Oxygen Flush:**

- Designed to supply emergency oxygen to the patient at the rate of 30 – 75 lpm.
- The push button switch of the unit is mono stable type and to be pressed for use.

**Gas Outlet:**

- Equipped with 1 outlet each for O<sub>2</sub>, Air, and Vacuum Inlet.

**Anaesthesia Ventilator (Electrically Driven):**

- Microcontroller-based, compatible with Circle Absorber Bain's circuit.
- Adjustable safety valve {10 to 60 cm H<sub>2</sub>O}.
- Automatic spill device and display parameters.

Modes	CMV
Tidal Volume	50 to 1200 ml
Frequency	6 to 40 bpm
Inspiratory time	0.4 to 3 seconds
I/E ratio (variable)	1:1 to 1:5
Inspiratory hold	0 to 2 seconds

Available at:

**XAVIER Med Pvt. Ltd.**

16-2-741/9, Andhra Bank Colony,  
Rishi Arcade, Moosarambagh, Hyderabad.  
Ph: 8008895079, 8008895680