Product Specifications

- Integrated oxygen concentrator produces 10 litres per minute
- Concentrator delivers up to 95% O2 depending on environment
- Accepts all standard paediatric and adult breathing systems
- Seamless transition to room air when compressed oxygen is unavailable
- Accurate, low resistance vaporizers work with and without compressed gas
- Built-in oxygen monitor displays O2 concentration of inspired gas
- Automatic shut-off of nitrous oxide if hypoxic mixture is detected
- Official CE mark awarded by independent certifying agency
Physical And Electrical
• Compact, rugged design
• UAM Dimensions: 146cm x 53cm x 69cm; 130kg
• Ventilator Dimensions: 44cm x 28cm x 30cm; 18kg
• Aluminum frame with four heavy duty casters – front two lockable
• Mains power supply: 220V, 50-60Hz
• Removable stainless steel instrument tray
• Supplies drawer

Oxygen Supply And Monitoring
• Integrated oxygen concentrator with dual filters
• O2 flow rate: 0.1 to 10 LPM
• Maximum O2 concentration: 95% depending upon environment
• Integrated inspiratory oxygen monitoring system
• O2 monitor has ten hour battery backup, trickle charge from mains
• Connections for cylinder, pipeline and portable oxygen sources
• Glass flow rotameters accurate to +/- 2.5%
• Adjustable minimum and maximum O2 alarms

Ventilator
• Electrically-driven – needs no compressed oxygen or air to operate
• Six hour battery backup if mains power fails
• Large color touch screen
• Volume and pressure control modes
• Tidal Volume: 50 to 1000 ml
• Minute Volume: 1 to 10 litres per minute
• Pressure control: 10 to 30cmH2O
• I:E ratio: 1:1 to 1:3
• Rate: 5-30 breaths per minute
• Displays: Flow and pressure versus time and compliance loops
• Alarms: Volume, Pressure, Breathing Circuit Disconnect
• Manual backup bellows always available on UAM
• Accepts fixed and variable PEEP valves
• Supplies drawer and removable stainless steel instrument tray

Optional Nitrous Oxide
• Differentiated flow control knob
• Automatic shut off if O2 falls below 25%

Vaporizers
• Separate units for isoflurane and halothane
• 120ml capacity

Rear Panel Connections
• Mains isolator switch, 2 UK style power sockets
• Oxygen and nitrous cylinder and pipeline connections
• Multi-diameter external oxygen hose connector

Vital Signs Monitor
• Pulse oximetry, ECG, blood pressure and temperature
• Six hour battery backup if mains power fails