

Anesthesia Units – Non Expendable Equipment Catalog

Minimum Technical Requirements

MTR 1 – The anesthesia units must be cleared by the Food & Drug Administration (FDA).

MTR 2 – The anesthesia units' pipeline connections must have a diameter-indexed safety system (DISS) or other equivalent means to prevent connection of dangerous gasses.

MTR 3 – The anesthesia units must have a hypoxic mixture fail-safe system control to prevent the unit from being set to dispense a hypoxic mixture. The N₂O and O₂ flow must be interlocked in ratio proportions with a minimum value of 25% to produce a breathing mixture.

MTR 4 – The anesthesia units' ventilation modes should support continuous positive airway pressure (CPAP) volume and pressure control.

MTR 5 – The anesthesia units' respirator frequency must be able to be set within a range of 3-100 breaths per minute.

MTR 6 – The anesthesia unit's ventilator inspiratory gas flow range must be between 1-180 L/min.

MTR 7 – The anesthesia unit's monitors must include a continuing pressure alarm capable of sensing high gas pressure and include minimum selectable threshold levels in the patient's breathing circuit.

MTR 8 – The anesthesia units must be able to interface with VA VISTA, CPRC, CERNER, and anesthesia health records keeping systems.

MTR 9 – The anesthesia unit packages must be severable such that separately priced items can be purchased to complete bundles (to include freight, warranty, and technical support).