

Ventilator and ECLS/ECMO Specialized Cart



What are Ventilators: Ventilators are hospital bedside machines that assist with two critical functions: getting enough oxygen into the bloodstream and clearing out carbon dioxide, which can build up when the patient is too weak or sick to move air in and out of the lungs.

What is ECLS/ECMO: The abbreviations ECLS (Extracorporeal Life Support) and ECMO (extracorporeal membrane oxygenation) are used synonymously to mean prolonged extracorporeal circulation with mechanical devices. Generally, all of these device applications include an artificial lung, vascular access catheters, connecting tubing, servo regulating blood pump, a heat exchanger, and various measuring and monitoring devices.

What this cart delivers:

- Universal design to hold ventilators (up to two per cart), ECMO, ECLS and all monitoring equipment.
- Extreme durability: This is not a short term, throwaway cart used just for the current crises. This cart is made out of 100% stainless steel and will last for decades.
- Low center of gravity: This means there is almost no chance of ever tipping the cart. In emergency and high stress situations carts are often grabbed, pushed, and aggressively moved around; often resulting in tipping, damaging equipment and injuring caregivers. This may be the most stable cart on the market with an extra wide base and lowest available platform.
- Extra wide casters: Each caster wheel is 2 inches wide; industry standard is just 1 inch wide. The 2 inch caster wheel means that the wheel cannot get caught in elevator thresholds. Ask any caregiver and they will tell you stories of their equipment's wheels getting caught in elevator thresholds and the damage and mishaps that can happen because of it.
- Ultra-cleanable: Minimizing holes, seams, and cracks make this cart extra cleanable for isolation needs and ensures it can be properly cleaned between patients.
- Adaptable: This cart can hold up to four oxygen tanks, three IV poles, 12 patient grade 20A outlets and over 340 lbs of equipment. Also available with universal cord and tube wraps that can be placed anywhere on the cart to help manage those unruly cables and cords. This also means the cart can be repurposed in to many applications as the hospital's needs change and evolve.
- Short Leadtime: Our goal is to ship product in 5 days from receipt of PO.