

Equine Anesthesia

Equine Anesthesia Machine Engineered for Large Animals

The LAS-4000 equine animal anesthesia delivery system is equipped with advanced features for veterinary practitioners, schools, and equine facilities. It boasts a reconfigured Drager AVE ventilator, which can be used for spontaneous breathing or controlled ventilation. Its design includes large air passageways, tandem directional valves for unidirectional flow with minimal resistance, and a 50 LPM oxygen flush valve.

Key Features

- AVE ventilator for optimal performance, suitable for spontaneous breathing or controlled ventilation.
- Large air passageways designed for maximum flow with minimal resistance.
- Tandem directional valves ensuring unidirectional flow with low resistance.
- A 50 LPM oxygen flush valve for rapid oxygenation, using vaporizers that are pressure-protected.
- The ability to mount a Large Animal Absorber and optional Foal Absorber for flexibility.
- Drager vaporizers with a 10-year warranty and no mandatory recalibration schedule.
- An innovative ventilator design that utilizes room air, reducing oxygen consumption by about 65% compared to models using only oxygen.
- The ventilator offers preset I:E ratios, adjustable inspiratory flow control, and accommodates 1 to 15 liters of tidal volume.



Designed for ease of operation, with emphasis on safety and efficiency, making it a top choice for veterinary practitioners and schools.

The system is stable and secure, thanks to its balanced, topple-proof frame with flared caster mounts. It offers the flexibility to mount a Large Animal Absorber and an optional Foal Absorber.

Equine Anesthesia Machine Specifications

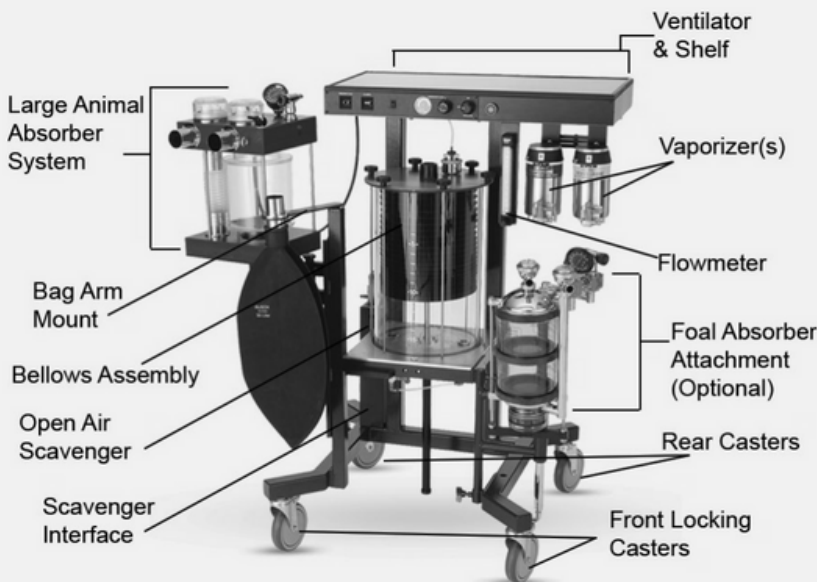
ELECTRICAL 120 VAC 50/60 HZ

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| DIMENSIONS | Height | 53" |
| | Base Width: | 31" |
| | Base Depth: | 31" |

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| VENTILATOR | ON/OFF switch: | Provides AC power to AVE vent |
| | TIDAL VOLUME: | Motor driven adjustable tidal volume through use of a momentary rocker switch (5-15 liters of tidal volume available) |
| | VENTILATOR: | Time-cycled, electrically controlled, pneumatic powered |
| | FREQUENCY CONTROL: | Variable from zero to ninety-nine breaths per minute in one BPM increments |
| | INSPIRATORY/EXPIRATORY: | I:E ratio available 1:1, 1:1.5, 1:2, 1:2.5, 1:3, 1:3.5, 1:4, 1:4.5 |
| | INSPIRATORY FLOW: | Controlled through operator adjustable regulator |

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| ABSORBER | CIRCUIT PRESSURE GAUGE: | -20cm/H ₂ O to 80cm/H ₂ O range |
| | APL VALVE: | Adjustable pressure limit valve allows control from completely closed to fully open |
| | INSP./EXP. PORTS: | Inspiratory and expiratory flow controlled through visible check valves |

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| REMARKETED OPTIONS: | I:E RATIO UPGRADE: | Allows for delivery of 1:2, 1:2.5, 1:3, 1:3.5, 1:4, 1:4.5, 1:6, 1:8 ratios |
| | FOAL ABSORBER: | Separate absorber reduces down-time while switching to a separate machine for foal or small animal anesthesia |
| | OPEN AIR SCAVENGING SYSTEM: | For use with suction (vacuum) waste gas disposal systems |
| | E-CYLINDER MOUNTING: | Provides a safe back-up supply of oxygen in the event of a main O ₂ supply failure |
| | ISOFLURANE VAPORIZER: | Temperature compensated wick-style vaporizer with range of 0% - 5% |
| | SEVOFLURANE VAPORIZER: | Temperature compensated wick-style vaporizer with range of 0% - 7% |



Standard Included Accessories

- Inspiratory and expiratory circuit limb of 2" x 56" polypropylene hose
- Patient wye piece with luer lock CO2 sampling port
- 15 liter bag
- Setup and install instructions
- Operators manual

Ventilator Controls

