LAS-4000
Large Animal Anesthesia System

A HIGH PERFORMANCE POWERHOUSE

The LAS-4000 by Vetland Medical is a total anesthesia support system for large animals equipped with the reconfigured Drager AVE ventilator for maximum performance. The unit can operate as a simple anesthesia machine for spontaneous breathing or as a controller of the animal’s ventilation.

The LAS-4000 provides the superior engineering, versatility and unmatched accuracy required in the sophisticated science of large animal anesthesia.

- The “Tandem” directional valves were designed to assure the unidirectional flow with minimal resistance.
- The LAS-4000 utilizes either D19 or D20 vaporizers, which are pressure protected and therefore use a single port to eliminate unnecessary gas connections.
- The frame of the LAS-4000 is balanced and topple-proof
- Features a two-vaporizer mounting system with Exclusion Safety
- Foal absorber option can be utilized for patients down to 25 pounds
- Universal AC power supply 100/240 VAC 50/60 Hz can be powered by electrical systems worldwide

502-671-1014 | 866-476-0589
www.VetlandMedical.com
## Technical Specs:

### ELECTRICAL
- 120 VAC 50/60 Hz

### DIMENSIONS
- Height: 53"
- Base Width: 31"
- Base Depth: 31"

### 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

### ABSORBER
- CIRCUIT PRESSURE GAUGE: -20cm/H₂O to 80cm/H₂O 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

### 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 O₂ 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%

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**Included Accessory Kit:**
- Set of 2" Breathing Hoses
- 2" Patient Wye
- 15-Liter Breathing Bag
- Operator’s Manual

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