

# LAS-4000

## Large Animal Anesthesia System

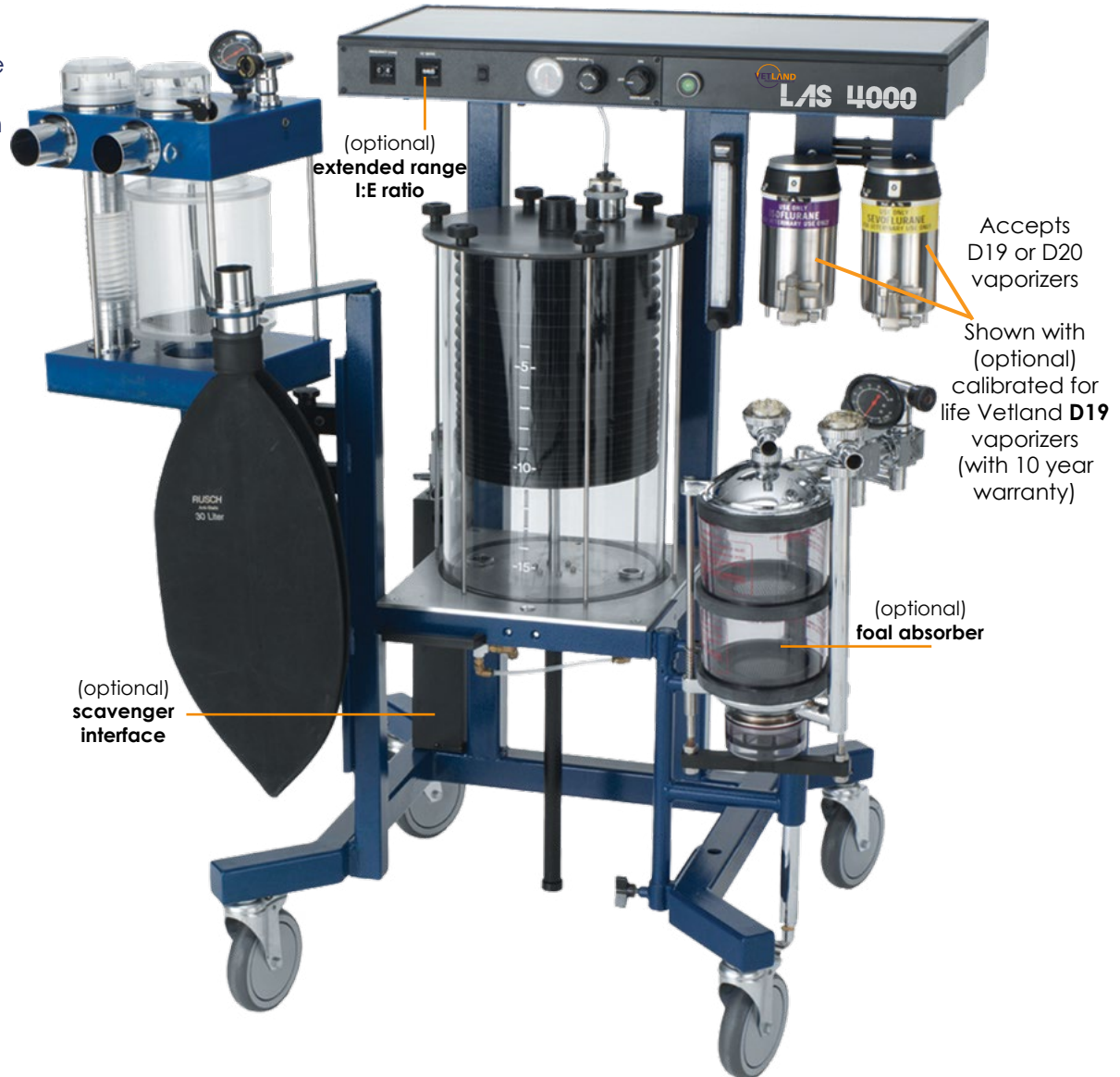


### A HIGH PERFORMANCE POWERHOUSE

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



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[www.VetlandMedical.com](http://www.VetlandMedical.com)

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### Technical Specs:

<b>ELECTRICAL</b>	120 VAC 50/60 HZ	
<b>DIMENSIONS</b>	Height	53"
	Base Width:	31"
	Base Depth:	31"
<b>VENTILATOR</b>	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
<b>ABSORBER</b>	CIRCUIT PRESSURE GAUGE:	-20cm/H <sub>2</sub> O to 80cm/H <sub>2</sub> 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
<b>REMARKETED OPTIONS:</b>	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 <sub>2</sub> 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%

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