



# Table Top or Mobile

## Anesthesia System – LAAS

Compatible with all *in vivo* imaging instrumentation



## The LAAS Anesthesia System:

One dial setting delivers a consistent and safe anesthetic level to a Tri-delivery system with three stopcocks for independent operation of 3 circuits. Multi-circuits allow procedures to be handled in an assembly-line manner. All waste gases are scavenged for easy evacuation.

As opposed to the RC2<sup>+</sup> with independent settings for each circuit, the LAAS allows for only one setting that can be split over up to three circuits. The operator needs to determine flowrate based on the circuit load. Flowrate is set by adjusting the oxygen flowmeter. Each time a circuit is added or removed from the system, the operator must re-adjust the flowmeter. Alternatively, each circuit can be used consecutively by opening and closing alternating stopcocks.

The LAAS system accommodates flow rates up to 4 LPM and therefore can also be used for cats, dogs and small swine.

**Item Name:** Table Top Anesthesia System – LAAS

**Catalog ID:** 14

**Item Name:** Mobile Anesthesia System – LAAS

**Catalog ID:** 11

### Product Features:

- One Circuit: Tri-delivery system with three stopcocks
- 0 to 4 LPM Oxygen Flowmeter
- Isoflurane Vaporizer
- Mouse and Rat Nose Cones
- Induction Chamber
- Table Top System

## Product Description:

**The LAAS** System meets the high standards of the gas anesthesia needs for In Vivo Imaging and conventional lab animal anesthesia.

**The LAAS** is compatible with all instruments and modalities for In Vivo Imaging.

**The LAAS** has a Tri-delivery system with three stopcocks for independent operation of circuits such as induction boxes, imaging chambers and surgery stations.

**The LAAS** is simple to use: easy protocol, quick connect, button flush, low waste. One dial setting delivers a consistent and safe anesthetic level.

**The LAAS** can be table top or mobile.

**The LAAS:** All waste gases are scavenged for easy evacuation. Can be connected to in-house evacuation, a fume hood or a disposable charcoal filter for complete mobility.

**The LAAS** is suitable for mouse, rat, hamster, gerbil, guinea pig, ferret, rabbit, cat, dog or small swine.

**The LAAS** breathing circuits allow flat, prone or supine positions with head access.

## Product Warranty:

**The LAAS** comes with a 1 year money-back guarantee and a 7 year replacement guarantee (see product brochure for details).

## Product Components:

Precision Isoflurane vaporizer - O<sub>2</sub> flow meter – O<sub>2</sub> flush valve - Tri-delivery system with 3 stopcocks - 1 induction chamber – 1 Mapleson-E circuit, 1 Rodent non-rebreathing circuit and nose cones – 3 charcoal filters – O<sub>2</sub> supply hose.

Anesthesia Book and 101DVD.

You need to add oxygen, anesthetic agent and models.

**You may upgrade to a [vented induction chamber](#)**

**You may also need the following [accessories](#):**

[1/4" ID PVC Tubing](#)

[Regulator, Oxygen, H-tank](#)

[Regulator, Oxygen, E-cylinder](#)

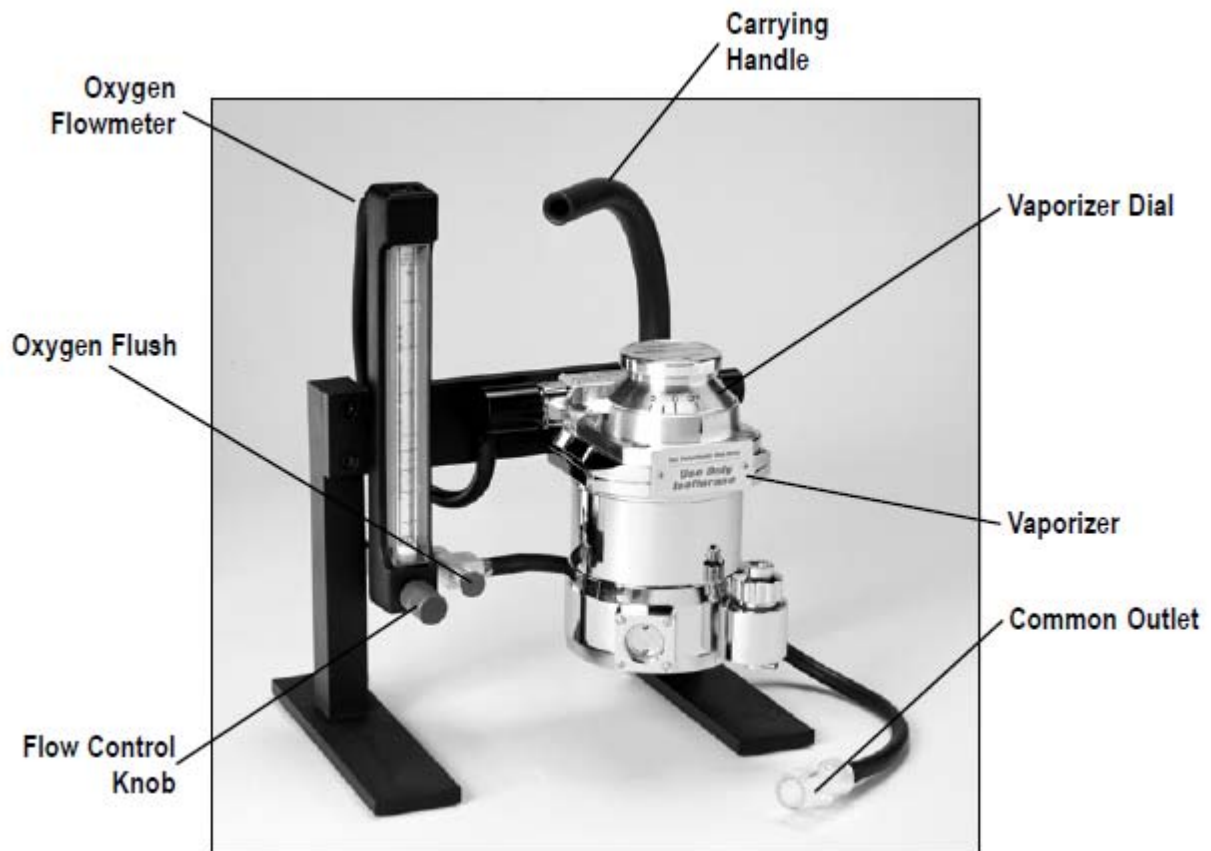
[Stand, for mobility](#) Compare to: [Mobile Anesthesia System - LAAS](#)

[Dual yoke/regulator assembly, oxygen](#) (Order only if LAAS is to be mounted on a stand)

[VaporGuard Charcoal filters](#)

[Imaging Manifold](#)

**System components:**



## Standard Specifications: LAAS versus RC2+ system comparison.

<b>Operational Characteristics</b>	<b>LAAS</b>	<b>RC2+</b>
Inlet Gas Supply	Oxygen male DISS connector	Oxygen male DISS connector
O2 Flush Volume	15-35 liters per minute @ 55 psi.	15-35 liters per minute @ 55 psi.
O2 Flowmeter Volume	0-4 liters per minute @ 55 psi.	
Circuit Delivery Volume		three-way switch to deliver 500cc/min $\pm$ 10% or 1000cc/min $\pm$ 10%, dependent on position
Gas Pressure Requirements	50 -55 psi.	50 -55 psi.
Isoflurane Vaporizer	Precision, variable by-pass; Temperature and flow rate compensated	Precision, variable by-pass; Temperature and flow rate compensated
<b>Controls</b>		
Flowmeter	Single turn metering valve	
O2 flush	Plunger-activated, spring-return valve	Momentary switch delivers 100% O2 to chamber circuit outlet.
System master controller		ON/OFF Toggle Switch - allows piped-in gas to charge system
System Pressure Gauge		Indicates system pressure (normal: 6 psi)
Circuit Controllers		Three way Toggle Switch - allows pre-set flow of O2 and anesthetic gas to individual circuits 1 thru 3.
patient circuit outlets		Standard 15mm patient circuit ports used to connect to non-rebreathing system. One labeled "chamber".

<b>Physical Properties</b>		
dimensions	11"w x 8"d x 14"h	11.75"w x 12.50"h x x6.25" d
weight	32 lbs. (14.5 kg)	22.5 lbs (10kg)
finish	Heat-treated enamel	Heat-treated enamel
material	Aluminum Frame; steel handle, bolts and screws; brass valves and tubing; acrylic flowmeter cover.	Aluminum Chassis & Vaporizer Stainless Steel Hardware

### ***VetEquip's 100% Total Satisfaction Guarantee***

**1-year money-back guarantee:** If you are not fully satisfied and delighted with the VetEquip product or service furnished to you, just call 1-800-466-6463 within one year of delivery and we will make arrangements to issue a full and prompt refund to you.

**7-year replacement guarantee:** If for any reason you become dissatisfied with your VetEquip product, at your request we will replace it without charge with an identical item or an item with comparable features and capabilities.

### **Ordering Information:**

- Easy, fast ordering at the [www.invivoimagingolutions.com](http://www.invivoimagingolutions.com) website.
- The LAAS and RC2<sup>+</sup> anesthesia systems are "sole source" products. VetEquip systems are designed specifically for "assembly line" laboratory procedures while maintaining the highest quality medical safety and falling within all OSHA standards.
- Delivery is FOB Pleasanton, CA, via Fed Ex Ground, unless otherwise specified.
- Shipping is prepaid and added to your invoice.
- Credit Cards accepted.

**Prices, terms and product specifications are subject to change without notice.**