

# OPERATORS MANUAL

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## Supera Table Top Anesthesia Machine

**Models: M3000**

(All shown with optional equipment)



**SUPERA**

**ANESTHESIA  
INNOVATIONS**

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## Examination and Preparation for Use

Thank you for ordering an Supera Anesthesia Innovations anesthesia machine!

We are delighted to have you as a Supera Anesthesia Innovations customer and want you to be completely satisfied with your purchase. Please inspect the contents of your order to see if everything is as you expected. Should anything not be exactly right or if anything was damaged in shipping, please contact your sales representative right away for help.

Our goal is to make your new anesthesia machine as easy to use and care for as possible.

This device is meant to be operated under the normal surveillance and control of a veterinarian trained in its use. However, you need to know more about this device than just how to operate it.

**Please read this manual in its entirety before using the anesthesia machine.**

If you have any comments or questions, we welcome the opportunity to address them.

Please contact us directly at



**954-725-1470 Ext. 403**

*Proudly 100% American Made!*

# **TABLE OF CONTENTS**

## **Chapter 1: Machine Features**

Oxygen supply

Circuits

Waste gas evacuation

## **Chapter 2: Technical Information**

Diagram and Part Numbers

Ordering information

Warranty /Return

Machine & Service notes

# Chapter 1: Machine Features

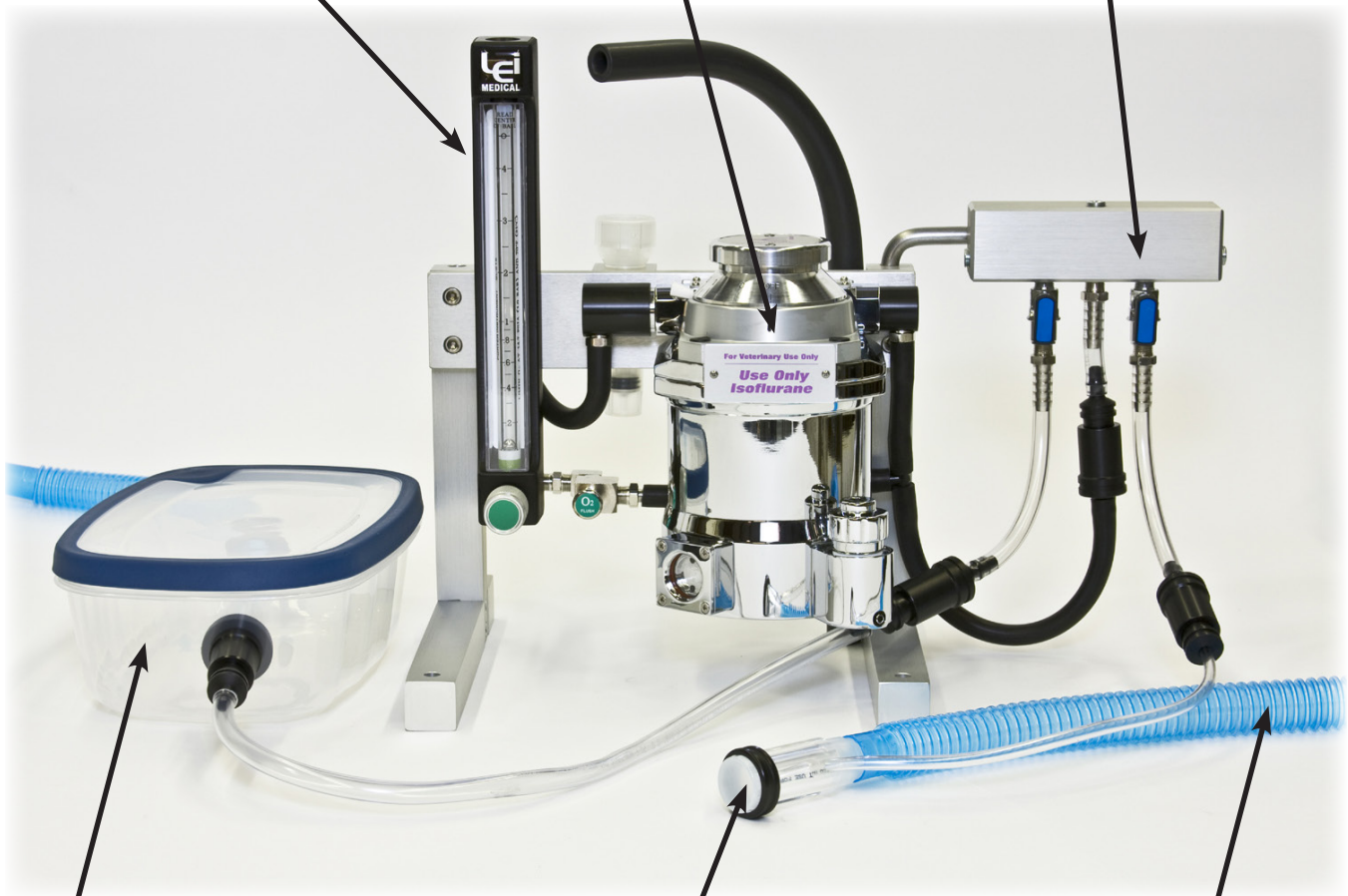
Shown with optional items:

TEC 3 Vaporizer  
Induction Chamber  
Multi-Port Manifold

TEC 3 Vaporizer - New  
VAP3000 - Isoflurane  
VAP3100 - Sevoflurane

Multi-Port Manifold  
RES535 - 2 port  
RES536 - 4 port

Oxygen Flow Meter



Induction Chambers  
RES644 2.1 liter 8x8x3 mice  
RES645 3.3 liter 8x8x5 mice/rat  
RES646 7.4 liter 14x10x5 mice/rat

Non rebreathing circuit  
RES500

Evacuation tubing  
EVC537

## **Common Machine Components**

**Oxygen Flow Control** – located on the flowmeter, the flow control adjusts the precise amount of oxygen entering the anesthesia machine.

**Common Gas Outlet** - a 15mm female connector located at the outlet of the vaporizer and is the port by which the mixture of anesthetic gases is delivered to the rest of the anesthesia system.

**Flowmeter** – measuring device indicating the precise amount of oxygen flowing into the anesthesia machine. Encased within the flowmeter is a glass tube that contains a small ball that rises as gas flows into the system.

**Non-rebreathing System or Circuit** – includes anesthetic gas supply tube, reservoir tube, reservoir bag and bag bleed valve. This system is recommended for patients under 10 lbs.

**Oxygen Flush Valve** – a small, push button valve located by the flowmeter that acts to flush oxygen through the system, bypassing the vaporizer. The oxygen flush contains a safety device that restricts flow.

**Vaporizer** – a device that vaporizes an anesthetic agent from a liquid to a gaseous state. The resulting gas is precisely delivered at a specified percentage concentration, independent of temperature and flow rate.

# Oxygen Supply



DISS Male Thread  
Green oxygen line connects  
here.

Attach the green oxygen hose to the DISS male thread.

**NOTE:** An optional quick disconnect fitting can be installed.

**WARNING!**  
**NEVER USE PETROLEUM BASED PRODUCTS ON  
OR NEAR THE OXYGEN SUPPLY.**

# Circuits

## CIR518 - Non-Rebreathing Modified Jackson-Rees

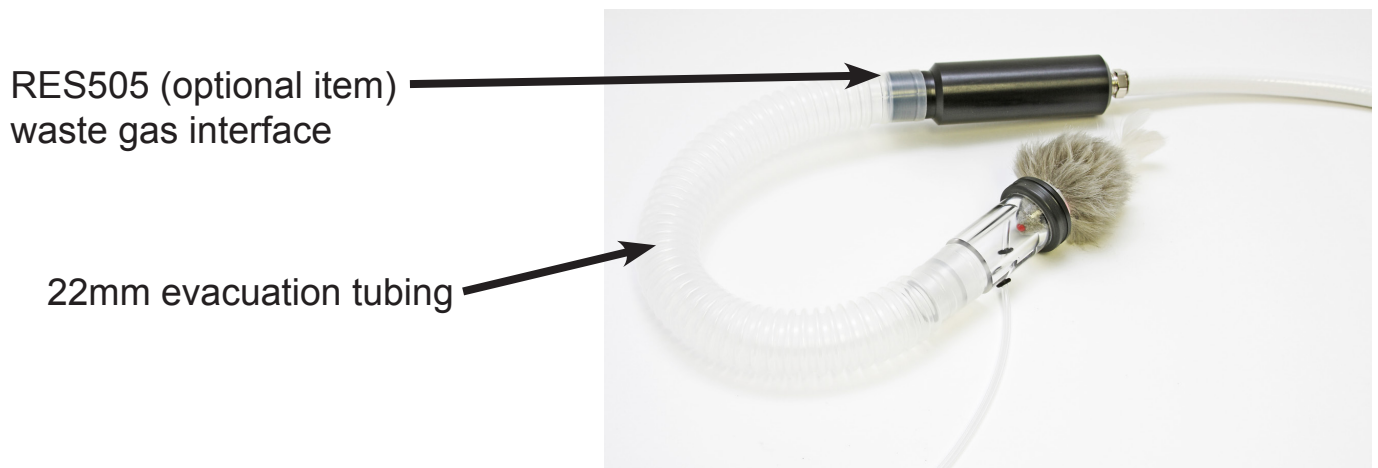
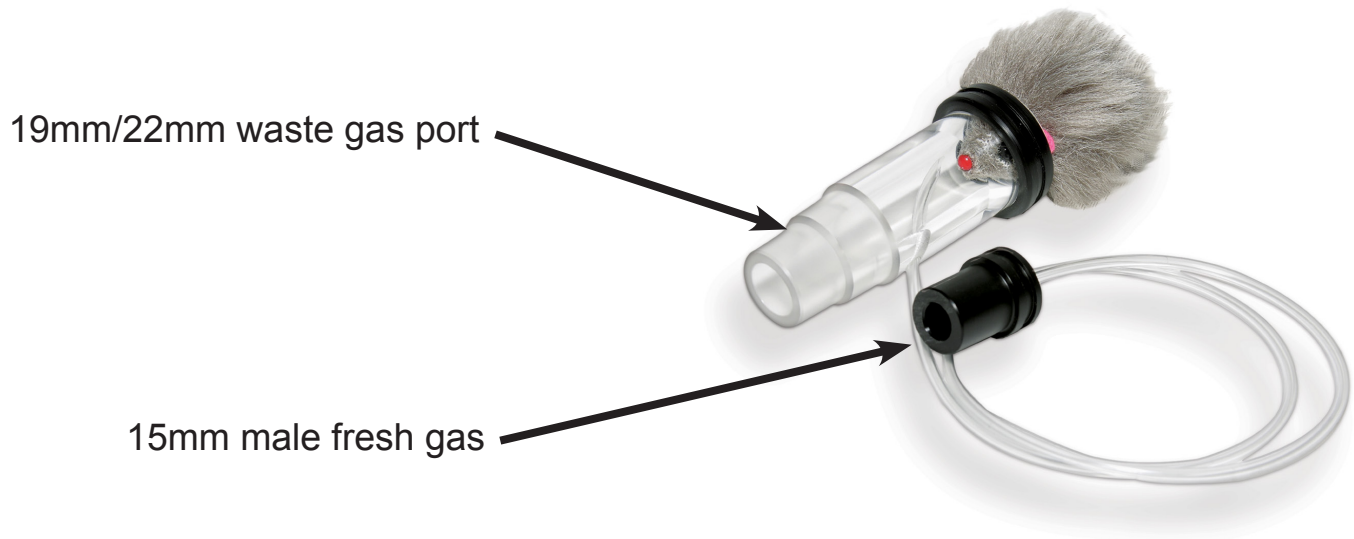


The Non-rebreathing system connects to the common gas outlet of the anesthesia machine.

1. Disconnect the common gas outlet from the rebreathing head. (quick disconnect fittings)
2. Plug the 15mm male connector from the non-rebreathing system into the common gas outlet of the anesthesia machine.
3. Connect the blue exhaust port on the bag of the non-rebreathing system to the 19mm blue evacuation tubing connected to the waste gas interface device or to any other waste gas evacuation device (outside air, F-air canister, etc.)

# Circuits

RES500 - Rat & Mouse non-rebreathing circuit with 19 or 22mm evac port



Connect the 15mm fitting to the common gas outlet of the machine (output of vaporizer)

Connect the 19mm/22mm port to the evacuation system.



# Waste Gas Evacuation Options

RES505 - Waste gas interface for active suction

EVC555 - F-AIR Charcoal Canister Kit

EVC554 - Replacement canister

RES505 (optional item)  
waste gas interface



RES500 connected to the F-AIR canister



F-AIR canister kit installed on M3000 attached  
to CIR518 circuit.

The F-AIR canister will remove the waste gas from the anesthesia machine for approximately 8-12 hours. After that time, the canister is replaced.

F-Air Canister Bracket - Optional

Attached to the back rail of the bracket with screw provided

# Warranty / Return Policy

Supera Anesthesia Innovations warrants that each product or part shall be free from defects in workmanship and materials, under normal use and with appropriate maintenance, for 10 (ten) years from the date of purchase. For plastic, rubber and disposable parts or items, Supera Anesthesia Innovation warrants only that each such part and item shall be free from defects in workmanship and materials at the time of delivery.

This warranty shall be void for any product that has been altered, defaced or removed from the original Supera Anesthesia Innovation product.

Supera Anesthesia Innovation shall not be liable for any damage, injury or loss arising out of the use of the product, whether as a result of a defect in the product or otherwise, if, prior to such damage, injury or loss, the product was (1) damaged, misused, or misapplied; (2) repaired, altered or modified by persons other than Supera Anesthesia Innovation; (3) not installed in strict compliance with the applicable codes and ordinances; (4) not installed by Supera Anesthesia Innovation or an authorized Supera Anesthesia Innovation dealer.

UNDER NO CIRCUMSTANCES SHALL Supera Anesthesia Innovation BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES AS THOSE TERMS ARE DEFINED IN THE UNIFORM COMMERCIAL CODE.

All items returned for service or repair are the responsibility of the customer. Proper packing methods should be used in returning items to Supera Anesthesia Innovation.

# DOCUMENTATION

Date purchased:

Purchased from:

Machine serial number:

Vaporizer serial number:

## **Machine service information**

Service Date:

Service information:

Service Date:

Service information:

Service Date:

Service information: