SUPERA | ANESTHESIA INNOVATIONS

Operators Manual

Anesthesia Machine
Model M1200

(All shown with optional equipment)

For Veterinary Use Only

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.

Thank you!

Brian Lawson
President,
Supera Anesthesia Innovations

100% Made In USA

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M1200 Assembly

*** NOTE: THIS REQUIRES TWO PEOPLE TO SAFELY ASSEMBLE ***

1. Carefully unpack the top assembly and frame from the box

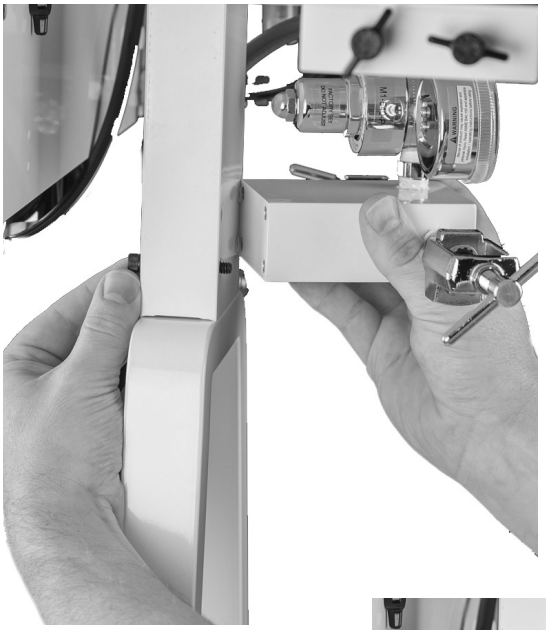
2. Align the top to the frame as shown.

3. Assemble the top assembly with the frame by installing the two 1/4-20 X 1 3/4” long screws and washers provided.

4. Tighten both screws with the 3/16” allen wrench provided tightly.

Oxygen Supply

Optional E-Tank Manifold
P/N MA2100

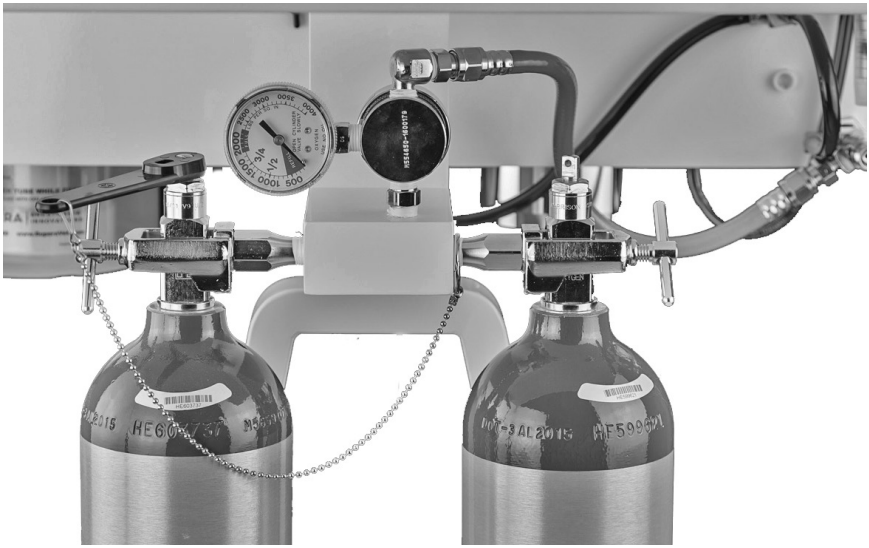


1st Step
Hand tighten 1/4-20 cap screws (4 each)

2nd Step
Using 3/16” hex wrench provided, tighten 1/4-20 cap screws (4 each)

3rd Step
Attach green oxygen line to flow meter. ***Lightly*** tighten with wrench.

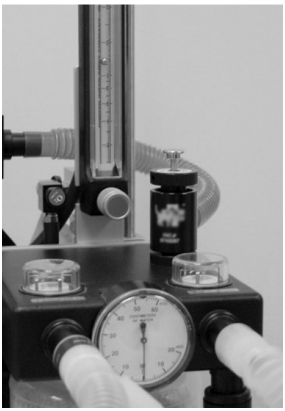
NOTE: The fittings have an O-ring to seal the joint
**** DO NOT OVER TIGHTEN ****



Finished assembly

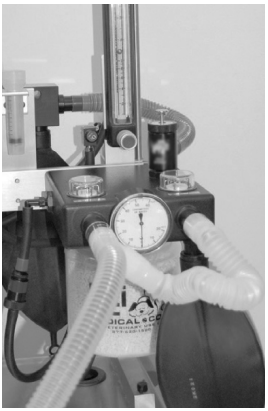
Anesthesia Machine Operation
&
Optional Accessories

Safety Pop Off Valve



Normal Operation
Screw-down pop-off valve open with push-button valve up

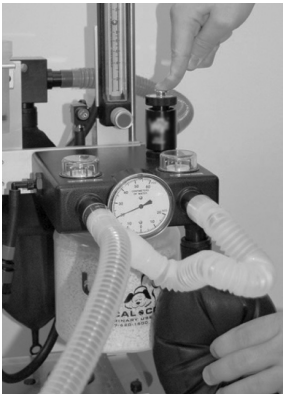
In this position the breathing circuit is fully open. The manometer should read "0" with slight fluctuations during respiration. Squeezing the rebreathing bag should not create pressure in the breathing circuit.



User Error! (pop off valve left closed)
Screw-down pop-off valve closed with push-button valve open

In this position the breathing circuit is partially closed but will leak at 0.5 cm H2O. This will not cause injury to the patient, however depressing the push-button valve to ventilate the patient would allow excessive pressure and could injure the patient.

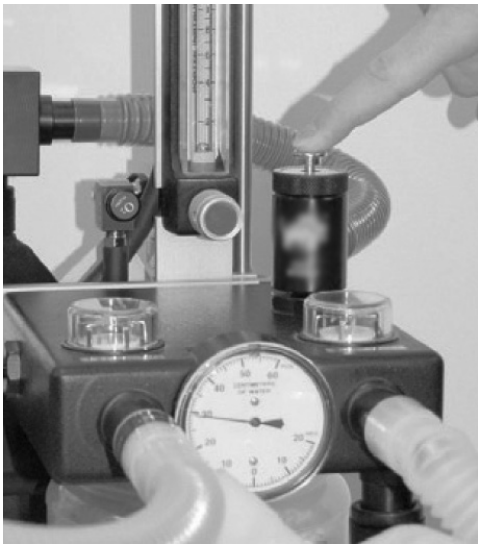
This setting is designed to prevent patient deaths associated with leaving the pop-off valve closed but it is not recommended for normal operation.



Manual Ventilation
Screw-down pop-off valve open with push-button valve depressed.

In this position the breathing circuit is closed but will leak at pressures of 20-25 cm H2O. This allows enough pressure to manually ventilate the patient without risking excessive pressure (which can cause pulmonary damage and death).

Machine Leak Test



1. Close pop off valve (turn knob clockwise)

2. Depress plunger valve in the center and hold

3. Plug the end of the rebreathing hose

4. Add pressure to the system until the manometer reads 30cmH20

Hold the pressure for ten seconds. If it doesn't drop faster than 1 cm H2O per second, the machine is sealed enough for use.

If it does drop faster, check your rebreathing bags and hoses for leaks. Glass cleaner works well for this. Make sure the canister and clear valve domes are tight

Optional Features & Accessories

I.V. Pole (included)

Shown with optional
universal control arm
for use with Bain circuits

P/N MA2013
With safety pop off valve

Optional F-Air evacuation kit
P/N EVC555
(Shown on M6000)

Waste Gas Evacuation

Optional waste gas interface valve
P/N EVC630 for use with fan based evacuation systems like our EVC3000

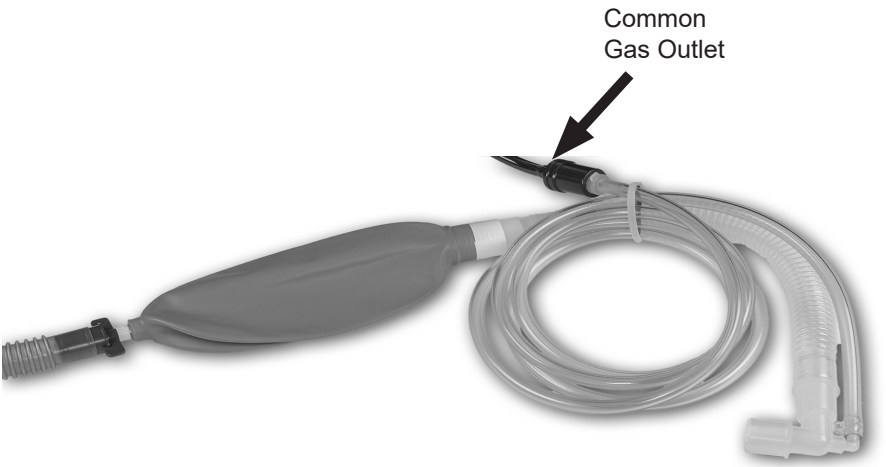
Optional waste gas interface valve
P/N EVC629 for use with vacuum pump based evacuation systems like our EVC3100

Heavy Duty Rebreathing Bags

Part Number	
ACC520	500cc Rebreathing Bag
ACC521	1L Rebreathing Bag
ACC522	2L Rebreathing Bag
ACC523	3L Rebreathing Bag
ACC524	4L Rebreathing Bag
ACC525	5L Rebreathing Bag

Circuits

P/N CIR518 - Non-Rebreathing Modified Jackson-Rees



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

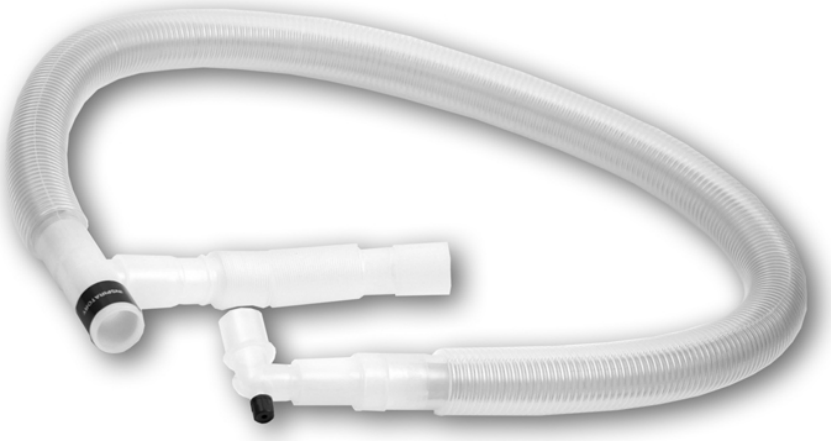
1. Disconnect the common gas outlet from the rebreathing head. (quick disconnect fittings)

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

P/N CIR529 & CIR529P Rebreathing Unilimb circuits



Unilimb design removes clutter and disorder from the anesthesia field. Patients exhaled breath acts as a thermal wrap to maintain the temperature and humidity of inspired gases. The swivel connector at the patient end eliminates kinking of the tubing.

This circuit attaches to the “Inhalation” and “Exhalation” ports on the rebreathing head (CO2 Absorber)

P/N CIR529 Adult (blue inner tube)
Recommended for Patients weighing above 20kg

P/N CIR529P Pediatric (Pink or Green inner tube)
Recommended for Patients weighing under 20kg

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 Innovations 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 Innovations product.

Supera Anesthesia Innovations 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 Innovations; (3) not installed in strict compliance with the applicable codes and ordinances; (4) not installed by Supera Anesthesia Innovations or an authorized Supera Anesthesia Innovations dealer.

UNDER NO CIRCUMSTANCES SHALL SUPERA ANESTHESIA INNOVATIONS 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 Innovations.

SHIPPING POLICY

1. Do Not Sign The Bill Of Lading Until You Have Inspected The Box Or Crate
2. Examine the box AS it is delivered and BEFORE the truck/driver leaves.
3. If there is any evidence of damage when it arrives, note it in detail with the phrase “possible concealed damage” on the bill of lading and immediately call the office for instructions before the truck/driver leaves if at all possible.
4. If there is obvious damage such as a hole in the box, a crushed box, etc., refuse the shipment. The product will then go back to the freight company’s terminal where they are entirely responsible.
5. Open and inspect your product as soon as possible. DO NOT WAIT.
6. If you find damage, take as many photographs of everything as soon as you can and email them to CS@superavet.com
7. Note: unless the following procedures are followed correctly and we are notified within ten (10) days, SUPERA LLC cannot accept any responsibility for the problems that may ensue.

DO NOT RETURN ANY DAMAGED GOODS TO SUPERA LLC WITHOUT PRIOR AUTHORIZATION OF SUPERA LLC AND THE CARRIER.

KEEP ALL PACKAGING!

DO NOT RETURN ANY DAMAGED ITEMS UNTIL SHIPPING INSTRUCTIONS ARE RECEIVED.

ALL CLAIMS MUST BE FILED WITHIN TEN (10) DAYS OF RECEIPT OF GOODS.

MAINTENANCE

Anesthesia Machine

The anesthesia machine should be serviced by a certified technician. Only certified service companies will have the factory specifications and access to original replacement parts.

Annual Preventative Maintenance Service
Service will include:
Pre–service low and high pressure test. Inspection and replacement of hoses, gaskets and seals as needed. Measure pressure relief valve resistance. Inspect unidirectional valves. Inspection of evacuation system. Inspection of oxygen system. Verification of vaporizer concentration output. Final low and high pressure test.

Contact us for a list of certified service companies.

Daily Inspection - Leak Test
Before each use check for pressure leaks in the machine. Also make certain the waste gas evacuation system is working properly.

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:

SUPERA

ANESTHESIA
INNOVATIONS

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