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Read this manual before operating the unit. Pay special attention to all warnings and cautions.

- This product will perform in conformity with the description contained in this operating manual when assembled, operated, maintained and repaired in accordance with the instructions provided.
- This product must be verified periodically.
- A defective product should not be used.
- Parts that are broken, missing, plainly worn, distorted or contaminated should be replaced immediately.
- Should a repair or replacement become necessary, Dispomed recommends that a request be placed by phone or in writing to the nearest Dispomed regional service center.
- This product, or any of its parts, should not be repaired other than in accordance with written instructions provided by Dispomed and by Dispomed trained personnel.
- The product may not be altered without prior written approval from Dispomed.
- The user of this product shall have the sole responsibility for any malfunction which results from improper use, faulty maintenance, improper repair, damage or alteration by anyone other than a Dispomed trained technician.
The Coaxial is the first machine to incorporate a CO\textsubscript{2} absorber with an integrated Coaxial breathing circuit. This reduces clutter, eliminates the possibility of a misconnection, and reduces heat loss by preheating the inhaled gasses with the exhaled gasses.

The Moduflex Elite is the same as the Moduflex Coaxial, but with the traditional “Y” connections.

**STANDARD FEATURES**

- 0.1 to 4 LPM O\textsubscript{2} flowmeter (up to 2 flowmeters can be installed).
- Rotary float and large scale for easy readability.
- Recessed flush valve to prevent accidental activation.
- Quick connect fresh gas outlet for easy and secure switching between breathing circuits.
- SELECTATECTM compatibility manifold for easy and quick installation of vaporizer.
- Five caster spider base.
- 1500 ml CO\textsubscript{2} absorber with integrated coaxial breathing circuit reduces patient heat loss, helps to humidify the inspired gas and reduce clutter.
- Condensation trap to prevent water build-up in sodalime. Easy and efficient gas sealing.
- Momentary closed feature incorporated into our pop-off valve.
- Convenient anesthesia monitor shelf.
- 2.5 meter oxygen supply hose (D.I.S.S.)
- 5 year warranty.

**OPTIONAL FEATURES**

- Small cylinder holder
- Bain circuit adaptor
- 0-1 LPM O\textsubscript{2} flowmeter
- Up to 2 flowmeters can be installed
- Circuit pressure alarm
Your Moduflex Coaxial anesthesia machine require some assembly before use.

RECEIVING

In order to reduce the possibility of damage to a minimum during shipping, the head assembly and other breathing circuit components have been detached from the unit. These components are packed separately within the shipping crate.

INSPECTION

On receipt of your unit, inspect the shipping container and the enclosed components for signs of damage. Check your Materials List to ensure that all the necessary components are included.
Carefully remove the head assembly from the box (Caution: do not use the shelf assembly as a carrying handle, damage to the shelf may occur) and slide the U-channel onto the post of the base assembly (the absorber connections face the same way as the locking castors).

Remove the base assembly from the box and place it upright on the floor with locking castors at the front and slide the post onto the base.
3. Remove the accessories from the bag.

4. Insert and tighten the four levelling screws at the top and the bottom of the post.
Install the breathing tube to the connection on the CO₂ absorber with a small twisting motion.

Install the oxygen supply tubing to the oxygen supply inlet at the back of the machine and connect the other end of the oxygen tube to 50 p.s.i. (3 bars) oxygen supply.
Connect the fresh gas hose from the fresh gas outlet to the CO₂ fresh gas inlet.

Install the breathing bag on the swivel bag mount.
Install the gas evacuation tube to the back of the machine.

Install the sodalime canister and adjustment bolt to the CO₂ absorber. Tighten the adjustment bolt.
Mount the vaporizer on the unit as illustrated. Once mounted lock it in place with the vaporizer locking mechanism.

Install Bain circuit adaptor as illustrated.

A Bain type open circuit on an anesthesia machine gives you better control during surgery. The breathing bag is always inflated, no need to wait for it to have reached a certain size before ventilating the patient. The Moduflex Bain is equipped with a pressure gauge that gives you the possibility to check the animal’s lung pressure. The Bain adaptor is equipped with a momentary valve to avoid forgetting the valve in a closed position, which could cause pulmonary trauma to the animal.

IMPORTANT: Always refer to the user manual of the option you are installing for more detailed instructions.
Install the scavenger interface as per interface instructions.

During surgery the unused gas should be evacuated outside of the building to avoid it being inhaled by your employees and patients. Connected to a gas evacuation ventilator, the scavenger interface controls the flow of suction and maintains the balance with the quantity of unused gas.

Installation of the patient circuit pressure alarm.

During assisted ventilation, the alarm will alert you if the predetermined pressure level is reached. For example, if you forget the evacuation valve in a closed position, the circuit alarm will alert you with a warning sound at the predetermined pressure.

**IMPORTANT**: Always refer to the user manual of the option you are installing for more detailed instructions.
Install the E-tank Holder as illustrated.

**IMPORTANT**: Always refer to the user manual of the option you are installing for more detailed instructions.
ASSEMBLED VIEW
WITH OPTIONAL ACCESSORIES

MODUFlex

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805-0975-030

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The unit’s integrity should be verified every day, and at each replacement of patient circuit components such as breathing bags, tubes etc. A properly maintained anesthesia machine reduces gas consumption and operating room pollution.

**Prerequisites:**
Oxygen supply of 40 to 60 psi (3 bar) Breathing circuit and bag.

1. Connect the circuit to be verified to the fresh gas outlet of the anesthesia machine.

2. Obstruct the patient’s circuit outlet with a plug or your thumb.

3. Open the flowmeter to approximately 200 ml.

4. Close the gas evacuation valve.
If you encounter an excessive leak, it is recommended that you proceed by elimination to find the source of the problem by replacing a single component at a time. The most frequent leaks can be found at the fresh gas outlet o’ring, the patient circuit and the bag.

Once the leak is identified, dispose of the defective item to avoid it being reused by error.

At the end of each day, it is recommended that you close the oxygen tank and fill the anesthetic agent vaporizer.

Caution: Open the evacuation valve before using the anesthesia machine again.
The Moduflex Elite is the same as the Moduflex Coaxial, but with the traditional “Y” connections.
**Prerequisite:**
Preventative maintenance kit # 975-0900-900

The maintenance kit contains all the necessary parts to perform the annual maintenance. Refer to this technical drawing the parts to be replaced are identified. It is important to perform the daily leak check procedure (page 17) once the maintenance has been completed.
CONSUMABLE MATERIALS

REBREATHTING BAGS

0.5 liter: # 940-321525
1 liter:  # 940-321625
2 liters: # 940-321725
3 liters: # 940-321825

COAXIAL PATIENT CIRCUIT

Moduflex Coaxial Only
# 940-0200-200

CIRCUIT PATIENT EN Y

Moduflex Elite Only
# 940-3704-800

CARBON DIOXIDE ABSORBENT

1.6 liters: # 905-8855-000
18.9 liters: # 905-8862-000

KRYTOX

7g: # 850-0052-000

GAS EVACUATION TUBING

5': # 985-0060-000

DISPMED
805-0975-030
Dispomed Ltd. guarantees that the Moduflex Coaxial anesthesia machine is free from manufacturing defects for a period of five (5) years from the date of delivery to the customer, provided that it is used according to the instructions provided and that the prescribed maintenance and service are performed.

Dispomed shall not be held liable for 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 a person other than a Dispomed Ltd. technician or approved service person;
3. Not installed in strict compliance with the instructions provided by Dispomed or with the applicable codes and ordinances in place;
4. Cleaned using alcohol or other damaging products.

Plastic, rubber and consumable items are guaranteed to be free of defects at the date of delivery to the customer.

Any product which proves to be defective in workmanship or material will, at Dispomed’s discretion, either be repaired or replaced. Dispomed Ltd. is not responsible for deterioration, wear or abuse of this unit. This warranty shall be void for any product on which the serial number has been altered, defaced or removed.

Shipping charges for any unit repaired or replaced are the responsibility of the customer. Loaner units are available while your unit is being repaired.

SERVICE AND INFORMATION CENTER

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T: 1 450 759-9395
F: 1 450 759-8181
Email: info@dispomed.com
Website: www.dispomed.com
blog: www.veterinary-equipment.net
Facebook: www.facebook.com/dispomed
Twitter: twitter.com/Dispomed
Youtube: www.youtube.com/dispomedltd
-20 +100 CM gauge
900-6050-000

Dome, Coaxial
980-0300-155

Fresh gas elbow
850-0030-000

Rotary bag mount
980-0300-040

Gas evacuation valve
985-0050-000

Sodalime canister
980-0300-080

Flowmeter shield
930-0100-110

Flowmeter valve
930-0105-000

Quick Connect
850-LC10004

Preassembled flush cartridge
975-0300-275

-20 +100 CM gauge
900-6050-000

Dome, Coaxial
980-0300-155

Fresh gas elbow
850-0030-000

Rotary bag mount
980-0300-040

Gas evacuation valve
985-0050-000

Sodalime canister
980-0300-080

Flowmeter shield
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Flowmeter valve
930-0105-000

Quick Connect
850-LC10004

Preassembled flush cartridge
975-0300-275