



**More Choices...**



**Increased Flexibility...**



**Better Solutions...**

Introducing the  
**NEW Generation of E-Z Anesthesia®**

Taking Small Animal Anesthesia  
to the Next Level...



**E-Z ANESTHESIA®** 

SMALL ANIMAL ANESTHESIA EQUIPMENT

E-Z Anesthesia® is a product of E-Z Systems®.

# Introduction

## E-Z Anesthesia®

...advancing the industry with a new generation of innovative products

E-Z Anesthesia®, a product of E-Z Systems®, has been a pioneering leader in the industry, having introduced the patented inhalation small animal breather and water-heated surgical beds. E-Z Systems continues that tradition with the introduction of a new generation of E-Z Anesthesia. We've improved our traditional system and moved forward with an innovative solution that offers the ultimate in user-friendly, simple operation with a level of precise automation that minimizes operator error. Our goal is to continuously support the needs of our end-users with innovative solutions that are developed in real world laboratory settings.

### An Expansive System That Evolves With Your Needs

E-Z Anesthesia customizes systems to integrate seamlessly with your existing equipment. Our systems can be customized to satisfy your current needs while providing you the flexibility to expand and meet future requirements. We offer a continually expanding product line to fulfill specialized needs.

### Safety Is Our Priority

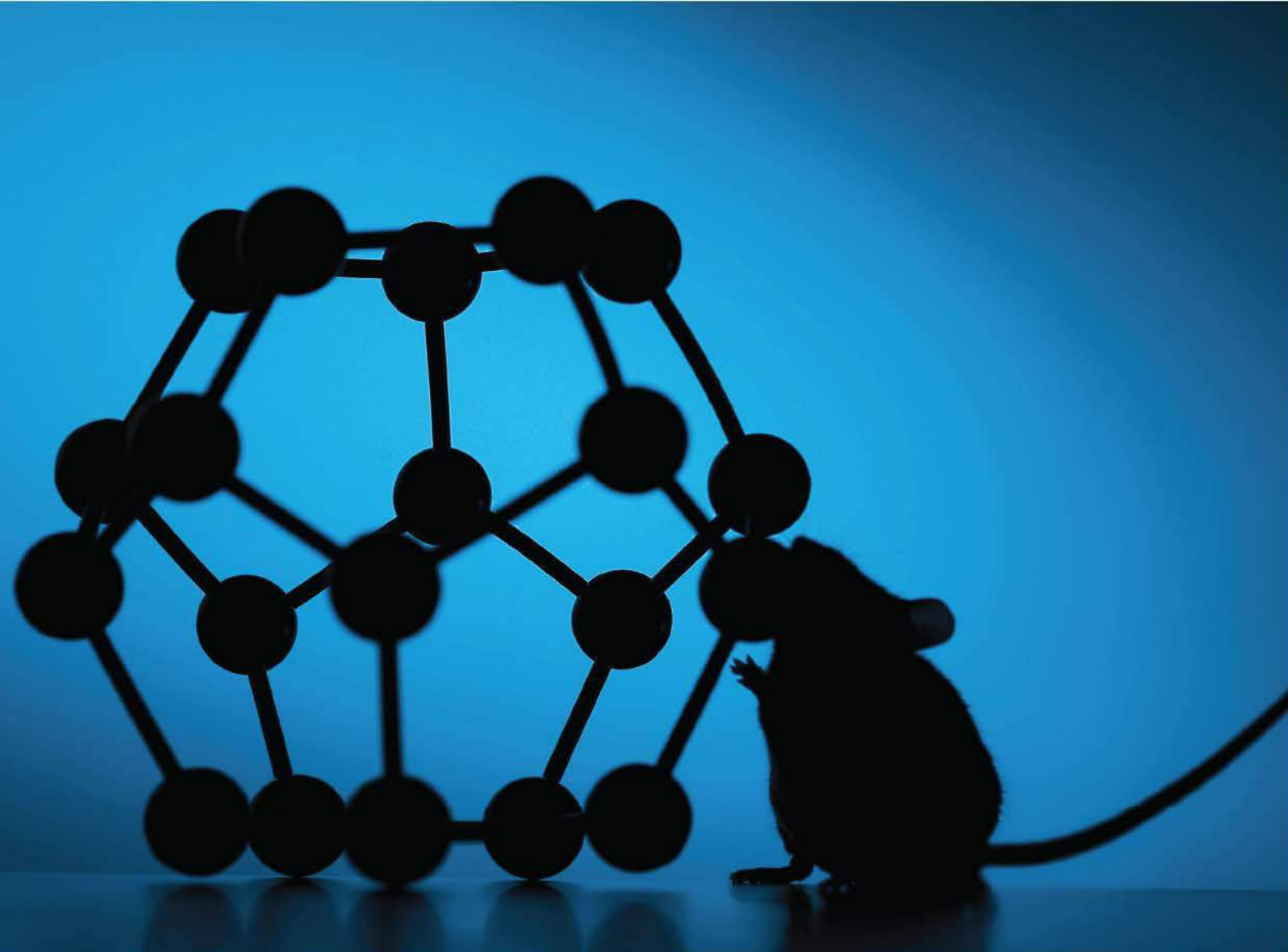
E-Z Anesthesia, as part of the whole E-Z Systems team, continues its serious commitment to a safe environment for laboratory personnel. Our new generation of induction chambers incorporates an oxygen flush system that ensures safe operation, virtually eliminating personnel exposure to anesthetic gas. For ultimate protection, our patented BioVac Chamber incorporates a built-in laminar flow system that eliminates the need for a fume hood.

### Superior Customer Service

The quality of our customer care matches the quality of our products. We take pride in providing friendly, expert customer service. A veterinarian is also on staff to answer any technical questions.







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## Small Animal Inhalation Anesthesia Incorporates Three Phases:

- A) **First Phase:** Animal(s) are placed in the induction chamber where they are initially anesthetized with an exact concentration of anesthetic, typically isoflurane.
- B) **Second Phase:** Anesthetized animal is transferred from the induction chamber onto a surgical bed with a breathing device and mask that supplies a constant flow of anesthetic gas to keep the animal safely anesthetized during procedures.
- C) **Third Phase:** Animal is placed in a clean chamber for recovery.

## Anatomy of an Anesthesia System

- 1) **Oxygen Source** that can be supplied from an in-house line or tank. The oxygen functions as a carrier for the anesthetic gas and serves as a blending agent to control the concentration of anesthetic.
- 2) **Oxygen Regulator** controls the pressure of oxygen from its source into the flowmeter that inputs into the vaporizer.
- 3) **Flowmeter 1** controls the flow rate of oxygen into the vaporizer.
- 4) **Vaporizer** precisely blends oxygen and the anesthetizing liquid to create an anesthetic gas at the exact concentration level required.
- 5) **Manifold** distributes anesthetic gas to the induction chamber and the breathing devices.
- 6) **Flowmeter 2** controls the flow rate of the anesthetic gas output from the vaporizer manifold to the induction chamber.
- 7) **Induction Chamber** facilitates initial anesthetizing of animal before placing on surgical bed for procedure. (Pictured with a chamber warmer to maintain animal body temperature.)
- 8) **Oxygen Flush** purges the induction chamber of anesthetic gas to ensure that no anesthetic is released into the room when transferring animals from the chamber to the surgical bed.
- 9) **Breathing Device** delivers precisely controlled anesthetic gas to the animal.
- 10) **Nosecone** provides a secure fit for the delivery of anesthetic gas from the breather to the animal and minimizes the escape of gas into the room.
- 11) **Surgical Bed** acts as a stable surface for procedures and may be water-heated for precise control of body temperature during procedures.
- 12) **Water Heating Pump** provides precisely controlled, circulating heated water to the surgical bed and the induction chamber warmer.
- 13) **Charcoal Filter Canister** captures anesthetic gas from all components preventing escape of gas into the room.



# The NEW Generation of E-Z Anesthesia®

## More Choices, Increased Flexibility, Better Solutions

### E-Z Anesthesia System Overview

Easy setup and operation

Systems with multiple gas outputs allow simultaneous treatment of up to four animals

Maintainable level plane of anesthesia for several hours

Heated surgical beds and induction chamber

Reliable safety for personnel and animals

### Three Systems are Available:

**Auto Flow System** features an automatic five output manifold that does not require flowmeters.

**Classic System** incorporates a manual five output manifold that includes a new flowmeter configuration that improves upon the original E-Z Anesthesia design.

**Single Animal System** offers an economical choice for single animal treatment.

All systems come standard with the EZ-103A Microflex Breathing Device and the EZ-178 Sure-Seal Mouse/Rat Induction Chamber. Systems include all necessary hardware components and connections required for anesthesia. The only additional elements required to operate the system are an oxygen source and liquid isoflurane. An array of alternative breathers and chambers allows you to customize a system to your specific requirements.

### Configuration Choices Include:

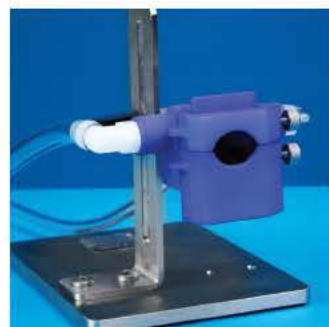
Breathing Device Number/Type

Oxygen Regulator Type

Surgical Bed Size and Style

Induction Chamber Size

Heated or Unheated Surgical Bed and Induction Chamber







### Treating Multiple Animals Simultaneously

- Up to four animals can be treated simultaneously with a single multi-output system
- Beds can be tube-linked in series to provide heat from a single water heat pump



## EZ-AF9000 Auto Flow System

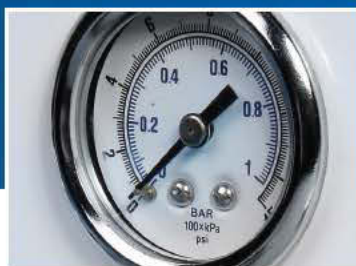
Precise, consistent, preset flow rate from each outlet, no variables...

The E-Z Anesthesia Auto Flow System is our most advanced system and offers highly efficient, precise gas flow that is easy to use.

- Fixed flow rates are set specifically for mice and rats
- Each output is individually controlled with simple on/off switch
- Five outputs supply anesthesia to the induction chamber and up to four breathers
- Preset flow rates eliminate need for flowmeters and manual adjustments
- Protocols are easily followed without calculations
- Minimum opportunity for operator error
- Flow rate is not impacted by the type or number of accessories connected
- Precise, low flow gas saves money and protects personnel
- Pushbutton oxygen flush purges induction chamber before removing animals
- Carry handle facilitates safe, easy transport of the unit

## EZ-AF9000-A Customized Auto Flow System

- Outputs can be individually customized to specific flow rates
- Can be customized to accommodate guinea pigs and rabbits



# EZ-AF9000 Auto Flow System

## **EZ-AF9000 System Comes Standard With:**

- EZ-190F Auto-Flow Vaporizer Unit
- EZ-103A Microflex Mouse/Rat Non-Rebreathing Device
- EZ-178 Mouse/Rat Sure-Seal Induction Chamber
- EZ-258 Charcoal Filters (8)
- EZ-320 Oxygen Regulator for 'H' Tanks

Also includes mouse/rat nosecones, nosecone plugs, plastic surgery beds (2), charcoal filter stand, and all connecting tubes

## **Options Include:**

- Oxygen Regulation (p.28)
- Heated Surgical Beds (p.20 - 21)
- Size of Induction Chamber (p.18 - 19)
- Type and Number of Non-Rebreathing Devices (p.14 - 17)





**EZ-7000**



**EZ-SA800**

## EZ-7000 Classic System

The E-Z Anesthesia Classic System is the upgraded version of the original E-Z Anesthesia System that has been used effectively for more than ten years in hundreds of facilities.

- Accommodates animals ranging in size from neonate mice to rabbits
- Five outputs supply anesthesia to the induction chamber and up to four breathers
- New flowmeter configuration is more user-friendly
- Incorporates two flowmeters:
  - Flowmeter 1) Controls flow into the vaporizer
  - Flowmeter 2) Controls flow into the induction chamber
- The second flowmeter allows users to run the chamber and breathers simultaneously
- Pushbutton oxygen flush purges induction chamber before removing animals
- Carry handle facilitates safe, easy transport of the unit

### **EZ-7000 System Comes Standard With:**

EZ-150C Classic Vaporizer Unit  
EZ-103A Microflex Mouse/Rat Non-Rebreathing Device  
EZ-178 Mouse/Rat Sure-Seal Induction Chamber  
EZ-258 Charcoal Filters (8)  
EZ-320 Oxygen Regulator for 'H' Tanks  
Also includes mouse/rat nosecones, nosecone plugs, plastic surgery beds (2), charcoal filter stand, and all connecting tubes

### **Options Include:**

Oxygen Regulation (p.28)  
Heated Surgical Beds (p.20 - 21)  
Size of Induction Chamber (p.18 - 19)  
Type and Number of Non-Rebreathing Devices (p.14 - 17)

## EZ-SAB800 Single Animal System

The E-Z Anesthesia Single Animal System is designed as an economical alternative when a simple, entry-level system is sufficient.

- Accommodates animals ranging in size from neonate mice to rabbits
- Designed for treatment of one animal at a time
- Y-splitter valve directs anesthetic output to either the induction chamber or the breathing circuit
- Oxygen flush purges induction chamber before removing animal
- Carry handle facilitates safe, easy transport of the unit

### **EZ-SAB800 System Comes Standard With:**

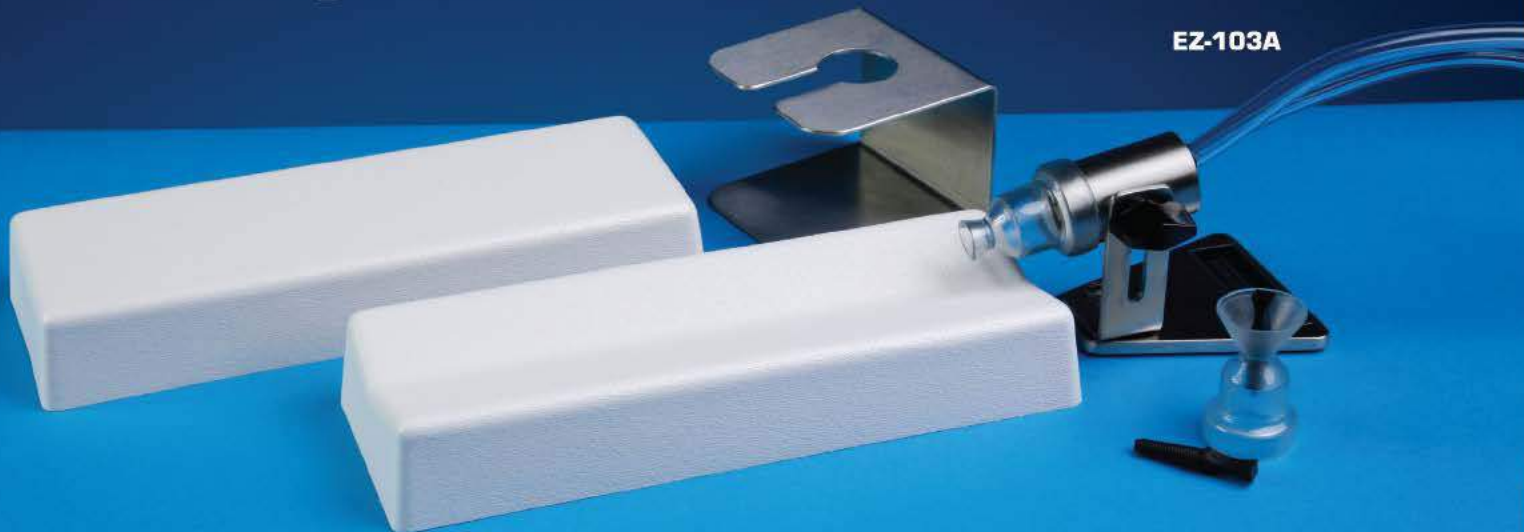
EZ-108SA Single Animal Vaporizer Unit  
EZ-103A Microflex Mouse/Rat Non-Rebreathing Device  
EZ-178 Mouse/Rat Sure-Seal Induction Chamber  
EZ-258 Charcoal Filters (8)  
EZ-320 Oxygen Regulator for 'H' Tanks  
Also includes mouse/rat nosecones, nosecone plugs, plastic surgery beds (2), charcoal filter stand, and all connecting tubes

### **Options Include:**

Oxygen Regulation (p.28)  
Heated Surgical Beds (p.20 - 21)  
Size of Induction Chamber (p.18 - 19)  
Type and Number of Non-Rebreathing Devices (p.14 - 17)

# Breathing Devices

EZ-103A



- Efficiently delivers anesthetic gas to the animal during procedure
- Animals can be safely anesthetized for up to 12 hours in a level plane of anesthesia
- All breathing devices incorporate a patented valve that mitigates the gas flow to the nosecone
- Input tube delivers anesthetizing gas to the animals and an exhaust tube directs the flow of unused gas to a charcoal filter



EZ-103A

## **EZ-103A Microflex Breather**

**Accommodates neonates up to animals weighing 500 grams.**

- Low profile makes it suitable for use under a microscope
- Vertical and angular adjustments allow precise positioning of animal
- Tight-fitting nosecone eliminates gas leakage and protects personnel from gas exposure

### **EZ-103A Breather Includes:**

EZ-110 Mouse Nosecone  
EZ-112 Rat Nosecone  
EZ-251 Tabletop Filter Stand  
Plastic Surgery Beds (2)



**EZ-104A**

**EZ-104A Breather Includes:**  
 EZ-110 Mouse Nosecone  
 EZ-112 Rat Nosecone  
 EZ-115 Rabbit/Guinea Pig Nosecone  
 EZ-251 Tabletop Filter Stand  
 Plastic Surgery Beds (2)

**EZ-104A Versaflex Breather**

**Accommodates animals from neonates up to animals weighing 5 kilograms, including rabbits.**

- Vertical and angular adjustments allow precise positioning of animal
- Tight-fitting nosecones eliminate gas leakage and protect personnel from gas exposure



**EZ-212  
 EZ-104A**

EZ-104A Versaflex Breather shown with optional EZ-212 Standard Heated Surgical Water Bed.

**EZ-107A Rat Stereotaxic Breather**

**Designed to integrate easily with standard stereotaxic equipment.**

- Specifically designed for use with rats
- Provides precise stabilization of head position
- Incorporates adjustable nose bridge, lower jaw support and ear bar
- Vertical and angular adjustments allow precise positioning of animal
- Also available as a stand-alone breather for non-stereotaxic work with our optional **EZ-107X Breather Stand** (as pictured)

**EZ-107A Breather Includes:**  
 EZ-251 Tabletop Filter Stand  
 Plastic Surgery Beds (2)



**EZ-107A  
 EZ-107X Stand**

# Imaging Breathers

Designed for use with MRI, x-ray and other imaging equipment.

## EZ-109 Multi-Animal Breather

- Five ports can accommodate up to five mice or three rats
- All ports operate in a level plane of anesthesia
- Single gas line supplies the multiple outputs
- Exhaust line runs to a charcoal filter for safe gas evacuation

### EZ-109 Breather Includes:

- EZ-110 Mouse Nosecone (5)
- EZ-112 Rat Nosecone (3)
- EZ-251 Tabletop Filter Stand



## EZ-103MX MRI Microflex Breather


Accommodates neonates up to animals weighing 500 grams.

- Low profile, composite plastic construction
- Vertical and angular adjustments allow precise positioning of animal

### EZ-103MX Breather Includes:

- EZ-110 Mouse Nosecone
- EZ-112 Rat Nosecone
- EZ-251 Tabletop Filter Stand
- Plastic Surgery Beds (2)





EZ-10901-3



EZ-10901-2



EZ-10901-1

### Integrated Imaging Breather Blocks

**EZ-10901-1 Integrated Imaging Single Breather Block**

**EZ-10901-2 Integrated Imaging Double Breather Block**

**EZ-10901-3 Integrated Imaging Triple Breather Block**

- Breather blocks can be permanently integrated into a wide range of imaging systems
- Low profile, all plastic construction breathers utilize threaded mounting holes
- Designed for use with animals weighing up to 500 grams

### Custom Imaging Breathers

E-Z Anesthesia can build a custom imaging breather to suit your exacting requirements. Contact Customer Care for details.

## Nosecones

E-Z Anesthesia nosecones are custom-designed for small animals, ensuring a tight fit and minimal dead space. They are available in three sizes to fit mice, rats and rabbits. Nosecones include rubber plugs to close off gas supply when not in use. Nosecone plugs are also available separately (EZ-119).

**EZ-110 Mouse Nosecone**

**EZ-112 Rat Nosecone**

**EZ-115 Rabbit/ Guinea Pig Nosecone**



EZ-110



EZ-112



EZ-115

# Induction Chambers

Initial anesthesia is performed in the induction chamber before animals are moved to the surgical bed for procedure.

## Sure-Seal Induction Chambers

- Positive seal gasket ensures there is no gas leakage
- Simple locking snap latch
- Gas is exhausted through an outlet port that is tube-connected to a charcoal filter canister
- Can be oxygen-flushed before transferring animals out of chamber
- Constructed of heavy-duty, clear acrylic plastic
- Non-skid bottom

**EZ-177 Sure-Seal Mouse Chamber** 4.00"L x 4.00"W x 4.00"H

**EZ-178 Sure-Seal Mouse/Rat Chamber** 9.00"L x 4.00"W x 4.00"H

**EZ-1785 Sure-Seal Large Mouse/Rat Chamber** 11.25"L x 7.00"W x 6.00"H

**EZ-179 Sure-Seal Guinea Pig/Rabbit Chamber** 18.00"L x 12.00"W x 12.00"H



EZ-178



EZ-178



**EZ-169**



**EZ-168**

**Non-Gasketed Induction Chambers:**

- Designed for use under fume hood or biosafety cabinet
- **High Volume Chamber** accommodates up to 16 mice or 4 medium rats
- **Sliding Lid Chambers** offer convenient access to animals
- Constructed of heavy-duty, polycarbonate plastic
- Compatible with a wide range of disinfectants and frequent sterilization cycles

**EZ-161A High Volume Chamber** 11.50"L x 7.50"W x 8.00"H

**EZ-168 Sliding Lid Single Mouse Chamber** 8.00"L x 4.00"W x 4.00"H

**EZ-169 Sliding Lid Single Rat Chamber** 8.00"L x 4.00"W x 6.00"H



**EZ-161A**

# Heating Devices



EZ-211



EZ-212

EZ-211

## Water Heated Surgical Beds

- Prevents heat loss and hypothermia during surgery
- Constructed with heavy gauge stainless steel
- All beds incorporate a V-shape to provide animal stability
- Circulating, heated water retains animal temperature during long procedures
- Range of bed sizes can accommodate all small animals from neonates to rabbits
- Up to four beds can be tube-linked in series and heated from a single water pump

**EZ-211 Mouse/Rat Thin Line Water Heated Surgical Bed 10.0"L x 3.7"W x 1.0"H**

**EZ-212 Mouse/Rat Standard Water Heated Surgical Bed 10.0"L x 6.0"W x 1.7"H**

**EZ-216 Rabbit Water Heated Surgical Bed 30.0"L x 12.0"W x 2.0"H**



EZ-200

## EZ-200 Water Heating Circulation Pump

- Heats and circulates water through surgical beds and chamber warmer
- Uses tap water
- Set-point temperature within one-degree Fahrenheit
- Continuous real-time display
- Easy-to-read digital display
- Temperature safety limits prevent overheating
- Large reservoir opening for easy filling
- Hose wraps around the pump for storage

### EZ-163 Induction Chamber Warmer

The stainless steel heated chamber warmer operates underneath the induction chamber to provide a heat source that helps to better retain animal body temperature. Tube-connected to the water heating circuit and operates on the same circuit as the heated surgical beds.



### EZ-TC-1000-R Homeothermic Temperature Controller with Rat Probe and Pad

### EZ-TC-1000-M Homeothermic Temperature Controller with Mouse Probe and Pad

#### Monitoring and controlling animal body temperature.

- Microprocessor-based instrument precisely controls animal heating and monitoring
- Heat is supplied through a resistive heating blanket
- Temperature probe monitors body temperature
- Controller constantly adjusts temperature based upon body temperature feedback
- LCD panel displays current body temperature, set-point and alarm settings
- Over/under temperature alarm activates when animal temperature moves out of range
- Automatically detects defective or disconnected probe or heating blanket
- Temperature range: 25 – 45°C
- Temperature resolution: 0.1°C

### EZ-YSI-402 Thermistor Rat Rectal Probe

### EZ-YSI-451 Thermistor Mouse Rectal Probe

### EZ-HPM Mouse Heating Pad

### EZ-HPR Rat Heating Pad



EZ-TC-1000-R

# Vaporizers

The vaporizer is a precision instrument that blends incoming oxygen with liquid isoflurane and outputs anesthetic gas at the set oxygen to isoflurane ratio. The dial setting allows fine gradations for precise isoflurane concentration. The vaporizer is available in three configurations that incorporate output to an anesthesia system or as a stand-alone unit. The Classic and the Single Animal units are also available without a vaporizer, allowing you to incorporate your own unit.

**EZ-190F Auto Flow Anesthesia Machine** features an **automatic** five-output manifold that does not require flowmeters.

**EZ-150C Classic Anesthesia Machine** incorporates a **manual** five-output manifold that includes a new flowmeter configuration that improves upon the original E-Z Anesthesia design.

**EZ-108SA Single Animal Anesthesia Machine** offers an economical choice for single animal treatment.

**EZ-155 Stand-Alone Vaporizer**

EZ-190F



EZ-150C



EZ-108SA



EZ-155

# Vaporizer Servicing

- Annual recalibration and servicing ensures continued precision operation
- Disassembly by unqualified personnel could result in equipment damage or unsafe operation
- Servicing involves more than one hundred steps done by highly trained technicians
- Accurate testing is done with highly sophisticated equipment
- Full servicing includes replacement of wicks, seals, gaskets and other parts as required
- Internal parts are fully cleaned
- Final stage of servicing includes polishing exterior surface for a "like new" look
- Additionally, maintenance service is recommended for the flowmeter, manifold and connecting hoses

Loaner vaporizers are available while your vaporizers are being serviced. A TEC 3 type vaporizer is sent in a convenient, returnable shipping carton. Please see pricing insert for more details regarding service options available.



# Anesthetic Waste Gas Management

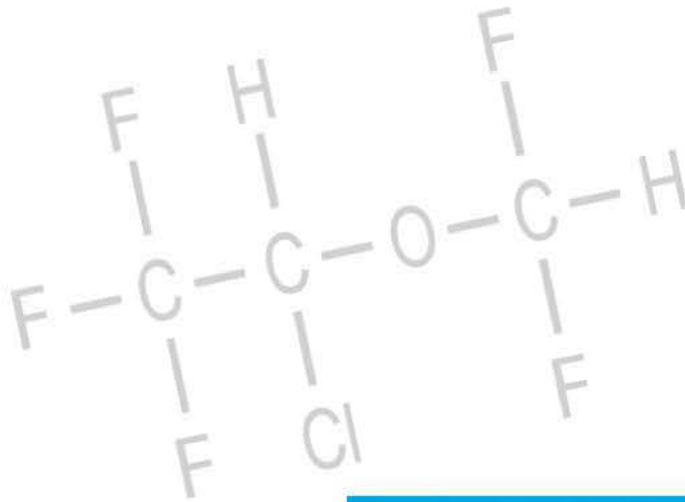
Long term exposure to excessive anesthetic gas can be toxic to personnel. It is important to limit exposure to 2 PPM, as recommended by NIOSH. When used properly, the E-Z Anesthesia evacuation products and techniques will effectively reduce gas escape to less than 2 PPM.

## Passive Charcoal Filtering

### EZ-258 ReFresh Charcoal Filter Canister

- Passive evacuation works with the natural flow of the anesthesia system pushing waste gas into the charcoal canister by following the path of least resistance
- Provides effective filtration for induction chamber and breather waste gas
- Filter absorbs isoflurane and allows clean air to pass into the room
- Lasts twice as long as the standard filter canister
- High efficiency charcoal absorbs 25% of its own weight in isoflurane
- Easy to monitor canister weight indicates saturation point and need for filter change
- Saturated canisters must be discarded when they reach weight capacity

### EZ-251 Tabletop Filter Stand



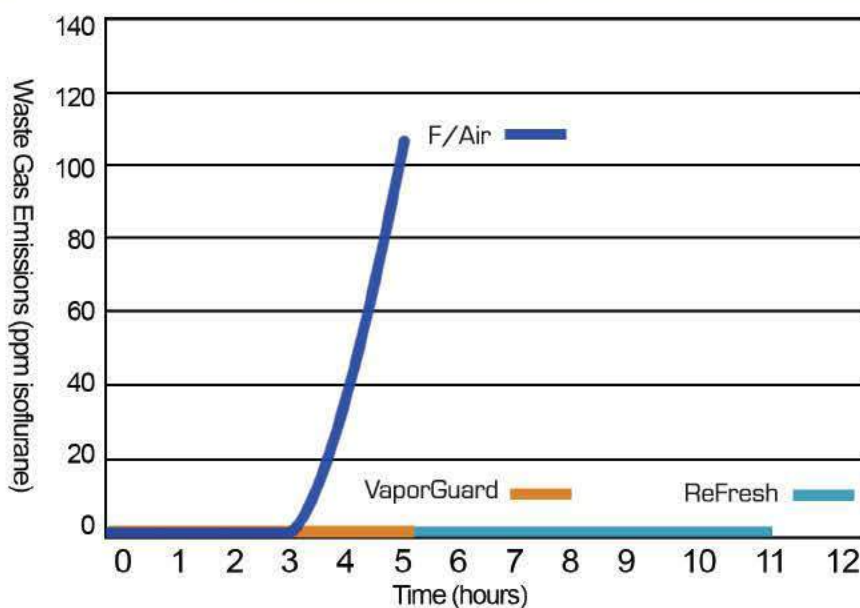




### Test Results

A third party testing facility compared the E-Z Anesthesia ReFresh Filter with other commonly used filters. The facility introduced 2% isoflurane in medical air into each filter at a 1 liter/min flow rate. The test was terminated at the manufacturers' recommended saturation point for each filter.

The ReFresh filter lasted over two times as long as the other filters with zero waste gas emissions. This translates to less waste, increased convenience and significant cost savings.



# Active Evacuation

## EZ-175 BioVac Chamber

... the ultimate protection from isoflurane exposure

- Virtually eliminates release of isoflurane into the room
- No need to purge chamber before removing animals
- Self-contained laminar flow system constantly circulates clean charcoal-filtered air
- Eliminates need for fume hood
- Warmed, circulating air maintains proper animal body temperature
- Simple one-step chamber flush after use
- Compatible with all inhalation anesthesia systems, including third party units

## EZ-255 BioVac Filter



EZ-175

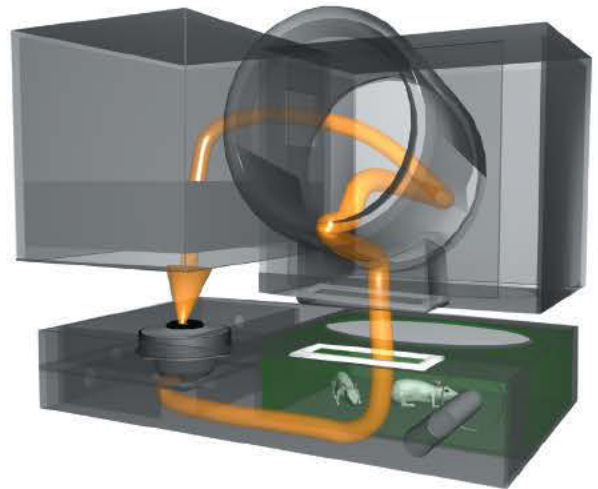


EZ-255

### How the BioVac Chamber Works

The chamber is divided into an upper and lower level. The lower level is used for anesthetic gas induction. The upper level provides laminar flow air cleaning. The dual levels are separated by a silicone membrane that allows easy access to animals.

When removing animals from the lower induction chamber, any escaping gas is immediately captured in the upper level and then flows into the built-in charcoal filter. Clean air is then re-circulated back through the upper chamber.



**EZ-176**

### **EZ-176 Vacuum Induction Chamber**

- Negative air flow is created directly over the lid
- Waste gas is effectively captured when opening chamber
- Convenient, sliding lid makes animal transfer easy
- Safe to use without oxygen flush or chamber purge

# Oxygen Regulation

## EZ-R20C Oxygen Concentrator

**Eliminates the need for oxygen tanks or an in-house oxygen source.**

- Extracts nitrogen from room air and outputs oxygen at 90% minimum purity
- Saves money in oxygen costs
- Eliminates labor costs and the inconvenience of tank changes
- Proven reliability with thousands in use around the world
- Quiet operation at 49 dB sound level
- Easy portability with rollerbase design
- Maximum output flow rate of up to 8 LPM and fixed pressure of 20 psi
- Weight is manageable at 54 lbs
- Able to supply oxygen to multiple systems simultaneously
- Well-suited for use in barrier facilities

**Oxygen Regulators** - (preset at 50 psi)

**EZ-320 Oxygen Regulator** with H-Cylinder fitting

**EZ-330 Oxygen Regulator** with E-Cylinder fitting



**EZ-R20C**



**EZ-320**



**EZ-330**

# Ventilator

## EZ-SAR-1000 Advanced Volume-Pressure Ventilator

Operates as either a volume or pressure-cycled ventilator.

- Wide tidal volume and rate range
- User-friendly set-up and operation
- Accommodates mice up to guinea pigs
- Direct display of Tidal Volume and all parameters
- Remote control via USB port
- Multi-animal set-up available
- Safe for use with oxygen and anesthetic gases



**EZ-SAR-1000**

### EZ-SAR-1000 Specifications

Respiratory rate range:	5 – 200 breaths/min
Tidal volume range:	0.2 – 35 ml
Inspiration/Expiration range (%Insp):	10 - 90%
Inspiratory flow rate range:	100 – 1000 ml/min
Pressure control range:	0 - 50.0 cmH2O
Internal air pump capacity:	3 LPM @ 5psi (0.34 bar)
Analog pressure output voltage:	50 mV/cmH2O
Logic Sync Out voltage:	5 V (TTL)
Trigger In voltage:	5V (TTL)
Remote-control interface:	USB
Front panel ports:	Luer female
Rear panel ports:	0.15" flex tubing barb (4mm)
Power requirements (supplied with main cord):	120/240 VAC, 50VA
Dimensions:	9.00"L x 9.00"W x 4.00"H

### EZ-830 Ventilator Connection Kit

Includes tubing and fittings to connect the EZ-SAR-1000 Ventilator to any E-Z Anesthesia system and to a charcoal filter canister.

### EZ-830EM Mouse Endotracheal Tubes

Set of ten mouse endotracheal tubes (20ga x 30mm) for use with the EZ-SAR830/AP Ventilator. Each disposable tube is supplied in a sterile packaging.

### EZ-830ER Rat Endotracheal Tubes

Set of ten rat endotracheal tubes (15ga x 78mm), for use with the EZ-SAR830/AP Ventilator. Each disposable tube is supplied in a sterile packaging.



### E-25000 Mobile Workstation

- Accommodates a complete anesthesia system
- Heavy-duty stainless steel construction
- Generous work surface measures 42"L x 24"W
- Locking double-door cabinet
- Accommodates up to four 20 lb oxygen tanks



E-25000



# Portable Workstations

## E-27000 Small Mobile Workstation

- Accommodates a complete anesthesia system
- Ideal when a smaller footprint is needed
- Heavy-duty stainless steel construction
- Work surface measures 22"L x 21"W
- Locking cabinet door
- Accommodates up to two 20 lb oxygen tanks



E-27000

## E-28000 Anesthesia Stand

For portable transport of E-Z Anesthesia systems with a minimal footprint.

- Accommodates each of our three New Generation E-Z Anesthesia systems
- Convenient, slide-on mounting
- Swivel top allows precise positioning
- Accommodates two E-tanks
- Stable five-wheel base
- Optional Mayo Tray for surgical tools



E-28000



# E-Z Connection Accessories



**EZ-S2M**



**EZ-S2F**

**EZ-S2M Male Quick Disconnect** with 1/4" hose barb

**EZ-S2F Female Quick Disconnect** with 1/4" hose barb



**EZ-200-2**

**EZ-200-2 Waterpump Conversion Kit**

Set of male and female quick disconnects and clamps to convert standard water heating pump for use with E-Z Anesthesia water-heated surgical beds.



**EZ-1130**

**EZ-1130 Connection Kit**

This kit is required to integrate third party equipment into an E-Z Anesthesia system. Includes: EZ-S2F Female Quick Disconnect with 6 feet of 1/4" ID tubing and clamps.



**EZ-260N**

**EZ-260N Chamber Connection Hose**

5 feet of 1/4" ID hose for connecting E-Z Anesthesia output to the E-Z Anesthesia Induction Chamber.



**EZ-251A**

**EZ-251A Filter Connection Kit**

5 feet of 1/4" ID hose with connectors and clamps for connection to charcoal filter canister.



# E-Z Oxygen Accessories



## **EZ-15021 Oxygen Hose**

Standard 6 foot hose connection from the oxygen regulator to the anesthesia system. Green hose is fitted with female DISS fittings on both ends.

### **Custom Hose Assemblies**

These hose assemblies are for use with a piped-in oxygen source. The oxygen hose includes a female DISS fitting for connection to the E-Z Anesthesia system. The other hose end incorporates a fitting that connects to the in-house oxygen source. Hose length is specified in the (L) designation at end of product code. For example, a 6 foot hose for the first product code would be: EZ-15021-CM-6.

**EZ-15021-CM-(L) Chemetron Male**

**EZ-15021-CF-(L) Chemetron Female**

**EZ-15021-OM-(L) Ohmeda Male**

**EZ-15021-OF-(L) Ohmeda Female**

**EZ-15021-PM-(L) Puritan Male**

**EZ-15021-PF-(L) Puritan Female**

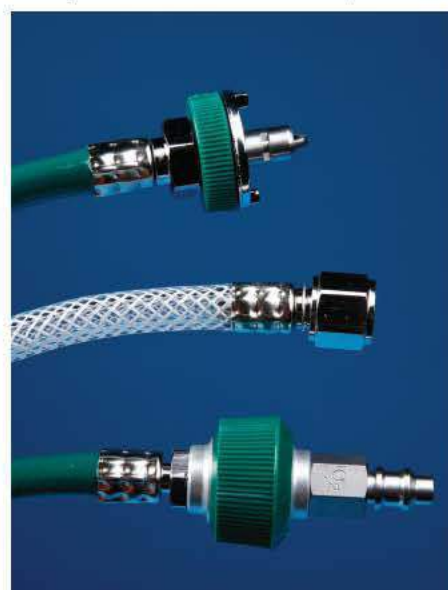
**EZ-15021-OXM-(L) Oxequip Male**

**EZ-15021-SM-(L) Schrader Male**

**EZ-15021-SF-(L) Schrader Female**

**EZ-15021-DM-(L) DISS Male** (body adapter)

**EZ-15021-DF-(L) DISS Female** (nut and nipple)



## **EZ-WR1 E-tank Wrench**

Polycarbonate wrench for easy open/close of the E-tank valve.

## **EZ-124DV Oxygen Output Splitter**

Y-splitter for oxygen regulator output or wall outputs with DISS connection. This splitter allows two E-Z Anesthesia systems to connect to a single oxygen source. An on-demand check valve in both outputs allows the use of a single system when required.



## Frequently Asked Questions

**Q:** What species are compatible with E-Z Anesthesia Systems?

**A:** Any species under 5 kilograms, including neonates, mice, rabbits, guinea pigs and hamsters.

**Q:** How many animals can I anesthetize and work with at one time?

**A:** Up to four breathing devices can operate simultaneously with a single vaporizer. Multiple surgical beds can also be linked in series to the heated water circuit.

**Q:** Can I use my own vaporizer with E-Z Anesthesia?

**A:** Yes, there are many options to incorporate your own vaporizer. Please contact Customer Care for details.

**Q:** Can I use my own oxygen regulator with E-Z Anesthesia?

**A:** Yes, a pressure oxygen regulator that outputs from 15 to 60 psi can be used.

**Q:** What are the key differences between electric heating and the water heating systems?

- A:**
- 1) The water-heating system can work with multiple stainless steel surgical beds and the electric heating works with a single heated blanket.
  - 2) The electric heating system utilizes a probe to constantly adjust the temperature controller based on body temperature feedback. The water heating system utilizes a constant setting.
  - 3) The electric heating system can be used where possible water exposure must be avoided. The water heating systems are leakproof, but should not be used in any context where water exposure could harm equipment, especially delicate electronics.

## Warranty

E-Z Anesthesia, as a member of the E-Z Systems family, proudly stands behind our equipment. E-Z Anesthesia will happily cover defects in materials and/or workmanship in our products for one year from the date of purchase. For full details of our warranty policy, please contact Customer Care.





**E-Z ANESTHESIA**

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