

# Anesthesia

Midmark Animal  
Health Products





# The first and still the best.

Safe, simple and controllable inhalation anesthesia—Matrx<sup>®</sup> anesthesia machines are the number one choice of veterinary professionals around the world.



Matrx VMS<sup>®</sup>



Matrx VMS<sup>®</sup> Plus



Over fifty years of quality manufacturing experience go into every Matrx<sup>®</sup> anesthesia machine. The Matrx VMS<sup>®</sup> and VMS<sup>®</sup> Plus small animal anesthesia machines have been a long-standing favorite with veterinary professionals for quality, safety and ease of use. They include both our Occlusion Valve with Safety Relief and our Negative Pressure Relief Valve.



### High quality, all-metal construction

The all-metal construction in combination with high quality rubber seals and hoses provide a durable, pressurized system that requires little maintenance.

### Dome-type inhalation/exhalation valves

Easy-to-view inhalation/exhalation valves allow for easy monitoring of respiration for patient safety. Twist-off domes allow for easy removal for cleaning after use.

### Quick release lever

1500 cc CO<sub>2</sub> absorber with quick release lever feature for easy absorbent replacement (accepts prepack canisters or 1350 gms loose absorbent).



VMS<sup>®</sup> Wall Mount  
(Vaporizer not included)



Matrx<sup>®</sup> Occlusion Valve with Safety Relief easily attaches to Matrx<sup>®</sup> anesthesia machines, allowing you to simply and quickly close the breathing circuit to bag (sigh) your patient.



Negative Pressure Relief Valve opens automatically to provide room air to the patient if the oxygen supply is depleted.

# Additional options to suit your inhalation anesthesia needs

With wall, stand, tabletop and table-mounted configurations, we are sure to have the anesthesia delivery solution that fits your clinical needs.



**Matrix VME2® Tabletop/Wall Mount** is flexibility and performance at an economical price. The convenient carry handle with soft vinyl grip allows for easy mobility. Vaporizer sold separately.



**Matrix VME2®** is our sleek, compact, economical model. Optional, add-on components allow for multiple configurations and unparalleled flexibility.



**Matrix VMR® Low-flow Non-rebreathing System** provides rapid control of anesthesia depth with little resistance to respiration, designed for small rodents, exotics and patients weighing less than five pounds.



**VME2® Ventilator Shelf**  
Optional, add-on shelf for ventilator mounting. Mayo tray shelf also available as an option.



**VMS® with Swing Arm Mount for Canis Major® Lift Table**  
Swing Arm Mount is also available for the VME2®.

Midmark offers RACE approved anesthesia and monitoring training to help ensure you get the best use of your equipment. Sessions are conducted by our network of fully accredited specialists. For the course listing or more information, visit [midmarkacademy.com](http://midmarkacademy.com) or call 1-800-360-2186.



# Matrix<sup>®</sup> vaporizers and ventilators

Matrix<sup>®</sup> is the choice of veterinary professionals for accurate, controlled inhalation anesthesia delivery.

## Matrix VIP 3000<sup>®</sup> Vaporizer

VIP 3000<sup>®</sup> uses proven design principles to ensure output concentration is virtually unaffected by flow rate, temperature variations, duration of use, liquid level or back pressure fluctuation, within its clinical range.



Sevoflurane Well-fill VIP 3000<sup>®</sup>



Isoflurane Key-fill VIP 3000<sup>®</sup>

## Sodasorb<sup>®</sup> LF – CO<sub>2</sub> absorbent with safety you can see

Sodasorb<sup>®</sup> LF is specifically formulated to safely absorb CO<sub>2</sub> and prevent the degradation of anesthetic gases while inhibiting the production of compound A, carbon monoxide, heat and desiccation. Unlike traditional absorbents, Sodasorb<sup>®</sup> LF's color change is permanent once exhausted and it does not revert back to its original color. This means no more guesswork when deciding when to change your absorbent.



### Distinctive features include:

- Permanent, high-contrast color change when absorbent capacity is exhausted or if absorbent becomes desiccated
- May be used in conjunction with all commonly utilized anesthetic agents including Isoflurane, Sevoflurane, Desflurane, Enflurane and Halothane
- Eliminates the potential dangers that come with inhalation anesthesia such as compound A, carbon monoxide and heat generation due to desiccation
- Unique formulation makes the use of anesthetic agents more efficient
- Minimal resistance to gas flow
- Unique, pellet shape reduces caustic dust making for cleaner equipment and faster change-outs
- Proven safety record ensures the comfort and well-being of both patients and staff
- Long-lasting formula will require less change-outs
- Sodasorb<sup>®</sup> LF is available in convenient pre-pak cartridges, canister-pak bags or in jugs. Standard Sodasorb<sup>®</sup> is also available in canister-size packages as well as a five gallon pail.
- High-contrast color change is permanent once absorbent capacity is exhausted



### Matrix<sup>®</sup> 3002PRO Small Animal Anesthesia Ventilator

An electronic, time-cycled, pressure-limited ventilator that replaces the breathing bag to provide smooth, even delivery of anesthesia. The ventilator assures constant volume for each delivered breath, regardless of patient compliance and airway resistance. Easy-to-use controls make operation simple and convenient.



### Vaporizer Service and Matrix<sup>®</sup> VXP Vaporizer Exchange Program

To assure continued accuracy and reliability, every Matrix<sup>®</sup> vaporizer should be serviced and calibrated annually. We offer you the choice of sending your vaporizer to Midmark for service or allow you to exchange it for a replacement VXP Vaporizer. Either way, you know your vaporizer has been cleaned, calibrated, tested and is ready to use for another year.

# Accessories

## Anesthesia Accessories

Ayres Non-rebreathing System with Scavenger Adapter

Breathing Circuits

Cardell® Monitor Mounts

Cylinder Mounting Blocks

Dual Gas Supply Tee

Endotracheal Tubes

Hoses

Laryngoscope Blades and Handles

Maintenance Kits

Matrx® Occlusion Valve with Safety Relief

Matrx® Veterinary Rubber Goods

Mayo Tray Cart

Oxygen Flowmeters

Scavenger Systems

Small Animal Anesthesia Masks

Small Animal Induction Chambers

## Ventilator Accessories

Adapters

Bellows

Demand Wye

Mounting Arms/Plates

Replacement Parts

Stands

Supply Hose



Small Animal Induction Chambers



Small Animal Anesthesia Masks



Cardell® Monitor Mount for VMS® Plus



ISO 9001:2000  
FM 538523

**Better Patient Care. Better Business.™**

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Because we care.