

# Anesthesia

Midmark Animal  
Health Products



# The first and still the best.

Safe, simple and controllable inhalation anesthesia...  
 Matrix™ anesthesia machines are the number one choice for veterinary professionals around the world.



Matrix VMS®



Matrix VMS® Plus



Over fifty years of quality manufacturing experience go into every Matrix™ anesthesia machine. The Matrix VMS® and VMS® Plus small animal anesthesia machines have been a long-standing favorite with veterinary professionals for quality, safety and ease of use, and now they include our Occlusion Valve with Safety Relief. Give your patients the best and enjoy the peace of mind that comes from partnering with Midmark.



**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 easy monitoring of respiration for patient safety. Twist-off domes allow for easy removal for cleaning after each use.

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



Matrix Spartan VMC®



Matrix™ Occlusion Valve with Safety Relief easily attaches to Matrix™ anesthesia machines, allowing you to simply and quickly close the breathing circuit to bag (sigh) your patient.

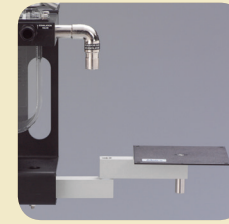


Emergency Air Intake Valve opens automatically to provide room air to patient if the oxygen supply is depleted.

Matrx™ anesthesia machines are carefully manufactured to provide you with years of safe, simple and controllable anesthesia delivery. With wall, stand, tabletop, and table-mounted configurations, we are sure to have the anesthesia delivery solution that fits your clinical needs.



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



VME® Ventilator Shelf  
Optional, add-on shelf for ventilator mounting.



Have peace of mind knowing that over 50 years of manufacturing experience goes into every Matrx™ anesthesia machine.



Matrx VME® Tabletop/Wall Mount System  
Flexibility and performance at an economical price. The convenient carry handle with soft vinyl grip allows for easy mobility.



Matrx VME2® Small Animal Anesthesia System  
Place all of your anesthesia equipment on one sleek, compact post. Optional, add-on components allow for multiple configurations and unparalleled flexibility.



Matrx™ 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.



Matrx VML® Large Animal Anesthesia System  
Designed for use in equine, bovine and other large animal anesthesia, this machine features a 2" (5cm) diameter breathing circuit, 5200cc CO<sub>2</sub> absorber and 30 Liter breathing bag.

# Matrix™ vaporizers and ventilators...

The choice of veterinary professionals for accurate, controlled anesthesia delivery under all conditions.



Sevoflurane VIP 3000®



Isoflurane VIP 3000®

#### Matrix VIP 3000® Vaporizer

The choice of veterinary professionals, the VIP 3000® 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.



**Matrix™ Model 3000 Small Animal Anesthesia Ventilator**  
An electronic, time-cycled, pressure-limited ventilator that replaces the breathing bag to provide smooth, even delivery of anesthesia. The Model 3000 assures constant volume for each delivered breath, regardless of patient compliance and airway resistance. Easy-to-use controls make operation simple and convenient.



## Accessories that fit your needs...

#### Anesthesia Accessories

- Ayres Non-rebreathing System with Scavenger Adapter
- Breathing Circuits
- Cardell® Monitor Mounts
- Central Gas/Manifold Systems
- Cylinder Mounting Blocks
- Dual Gas Supply Tee
- Endotracheal Tubes
- Hoses
- Laryngoscope Blades and Handles
- Maintenance Kits
- Matrix™ Occlusion Valve with Safety Relief
- Matrix™ 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 with VMS® Plus

#### Vaporizer Service and Matrix™ VXP Vaporizer Exchange Program

To assure continued accuracy and reliability, every Matrix™ 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.



Find us on  
**Facebook**

[facebook.com/MidmarkAnimalHealth](https://www.facebook.com/MidmarkAnimalHealth)

[midmarkanimalhealth.com](http://midmarkanimalhealth.com)



Because we care.

Midmark is an ISO 13485 and ISO 9001 Certified Company. • 1-800-MIDMARK • 1-937-526-3662 • [midmark.com](http://midmark.com)  
© 2011 Midmark Corporation • Products subject to improvement changes without notice • Litho in U.S.A. • 007-0810-00 Rev. C1 (2/12)