

EX3000

Electronic Small Animal Anesthesia System



The Future of Anesthesia is Here!

The focus on safety has lead Vetland Medical to design the EX3000 -

The **only** veterinary electronic dual drug delivery system in the world with **safety monitoring** ability.

The EX3000 is proving to be the fastest growing choice among veterinary professionals.

Utilizing cutting edge technology for a safer, more powerful system.

EX3000 Standard Features

- Color touch-screen display
- Key or funnel fill vaporizer ports
- Heat and moisture conserving coaxial absorber
- **Delux Safe™** Pop-off valve with thumb occlusion
- High quality, FDA-approved-type valves
- Quick disconnect fresh gas outlet for non-rebreathing applications
- Mayo tray
- 5-leg base with lifetime caster replacement
- Accessory kit*

Top 5 Things that Lead to Accidents & Injury:

1. Excessive Pressure to the Lungs
2. Excessive Anesthetic/Agent
3. Lack of Oxygen to the Brain
4. Lack of CO₂ Removal
5. Foreign Matter Entering the Airway

The EX3000 monitors clinical scenarios and alerts users BEFORE they become emergencies

See reverse side for all EX3000 alarms

What Makes the EX3000 Great?

- Audible safety alarms
- Neat, balanced, compact design
- High accuracy dual drug delivery (Iso/Sevo)
- Continuous self-testing verifies proper function
- Back cover to protect all tubing connections
- Corrosion-proof construction
- Time/date & case clock
- User adjustable parameters
- 1030cc absorber with less trapped volume, less chance of "channeling" & quicker anesthetic adjustments
- Alarms/configuration communications window
- **24 x 7 x 365 technical support**
- **1 Year Warranty**

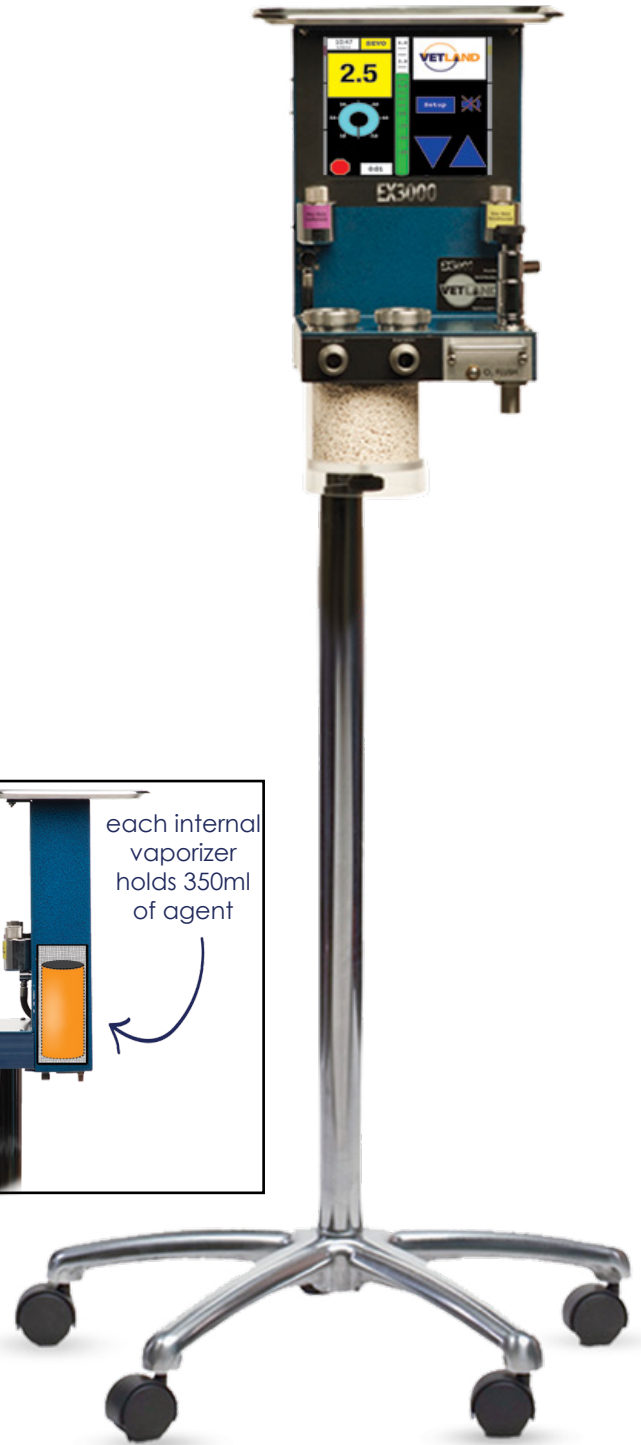


***Included Accessory Kit:** • Adult F Breathing Circuit • Modified Jackson Rees Non-Rebreathing Circuit • 1 Bag EcoSorb • 2-Liter Breathing Bag • 3-Liter Breathing Bag • Operator's Manual



502-671-1014 | 866-476-0589

www.VetlandMedical.com



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Technical Specs:

Electrical- UL approved, external supply 115 VAC/ 60Hz (220V/50Hz optional international models)

Battery- Backup supply 30 minutes min./ 4 hours max., sealed lead acid, maintenance-free. Charging time: 16 hours

Main Body- Ultra High Molecular Weight Polyethylene (UHMW)

Frame- Aluminum chassis; powder coated finish

Base- Polished aluminum 5-star base with 2.5-inch hooded casters

Pole- Chrome steel

Pressure Gauge- Virtual display -10 to +80cm H₂O

Flush Valve- FDA approved range: 15-18LPM oxygen flow

Oxygen Flowmeter- Electronic touchscreen controlled (.25 increments 0-1 LPM and .5 increments 1-4 LPM)

Delux Safe™ Pop-Off Valve- FDA approved safe, adjustable pressure-limiting, upright, chrome-plated brass body, internal valve disc maintains 2cm H₂O, 19mm taper exhaust connection

Inspiratory/Expiratory Valves- Nickel-plated brass, neoprene directional valves, 22mm tapered valve port

CO₂ Absorber- Quick attachment 1030cc acrylic canister, single gasket seal with coaxial flow path; utilizing loose fill absorbent. (Vetland Medical recommends the use of EcoSorb CO₂ absorbent)

Electronic Vaporizer- Precision vaporizer, temperature and pressure compensated; flow range 25cc to 4LPM 1013mbar at 72°F Isoflurane. +/- 5%, Sevoflurane +/-5% of dial setting. Funnel fill (key-fill optional) Isoflurane .25 to 5%; Sevoflurane .25 to 8% (.5% increments)

Gas Supply- Pressure regulated 50 PSI supply +/-5 PSI

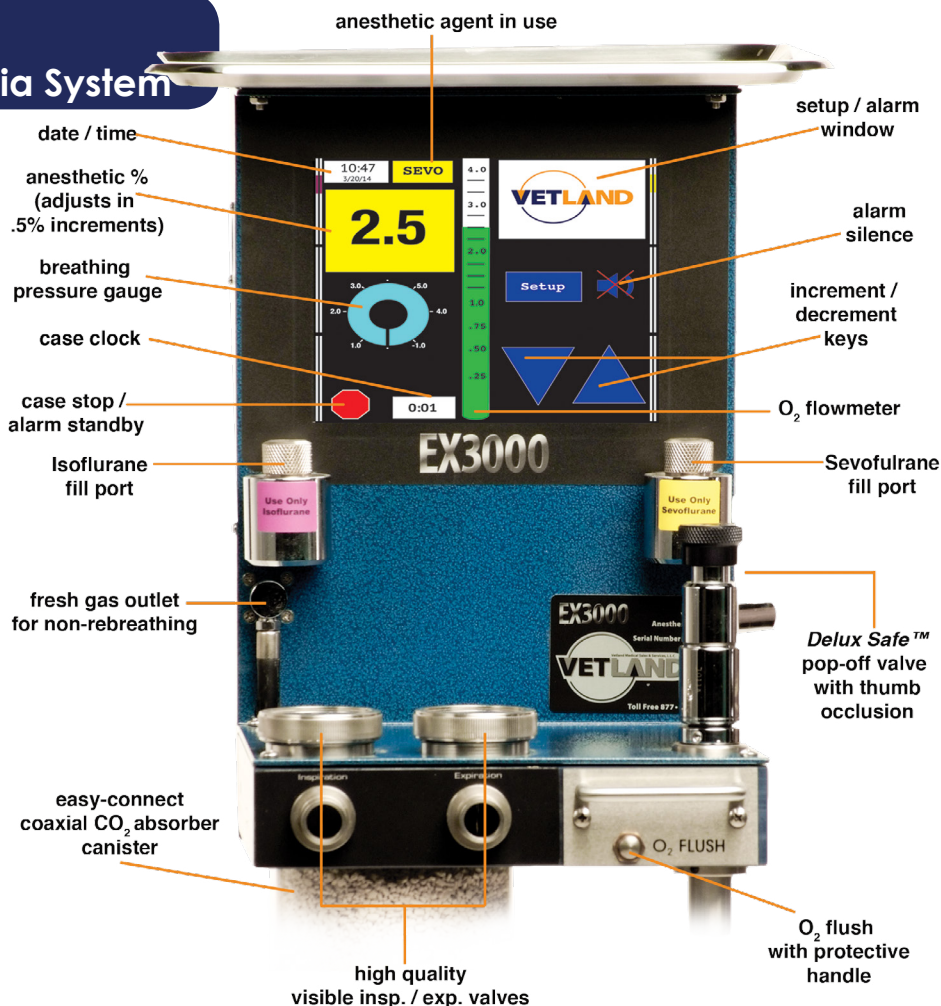
Oxygen Inlet- D.I.S.S. oxygen male thread

Operating Temperature- 59° to 95° F

Pre-Use Checkout- Recommended Daily

Machine PMC- Recommend machine PMC performed annually by a qualified technician

Vaporizer Calibration- The EX3000 from Vetland Medical is calibrated for life and has no scheduled rebuild or calibration required. Vetland Medical recommends, as part of the machine PMC, the vaporizer outputs be verified for accuracy.



EX3000 Alarms

Audible Breath	On/Off
Apnea Breath Volume	10-100 (intervals of 10)
Apnea Alarm	On/Off
Apnea Alarm Elapsed Time	5 to 30 sec. (intervals of 5 sec.)
High Pressure Alarm	10-60 (intervals of 1)
Continuing Pressure	10-60 (intervals of 1)

Isoflurane Medium Concentration	0% - 5% (intervals of .10%)
Isoflurane Medium Time	0 - 10 (intervals of 1 min.)
Isoflurane High Concentration	0% - 5% (intervals of .10%)
Isoflurane High Time	0 - 10 min. (intervals of 1 min.)
Sevoflurane Medium Concentration	0% - 8% (intervals of .10%)
Sevoflurane Medium Time	0 - 10 min. (intervals of 1 min.)
Sevoflurane High Concentration	0% - 8% (intervals of .10%)
Sevoflurane High Time	0 - 10 min. (intervals of 1 min.)

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